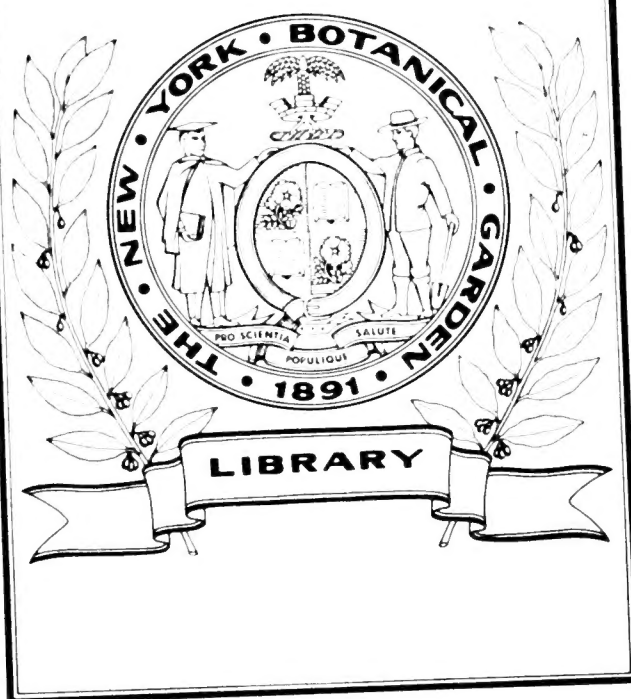
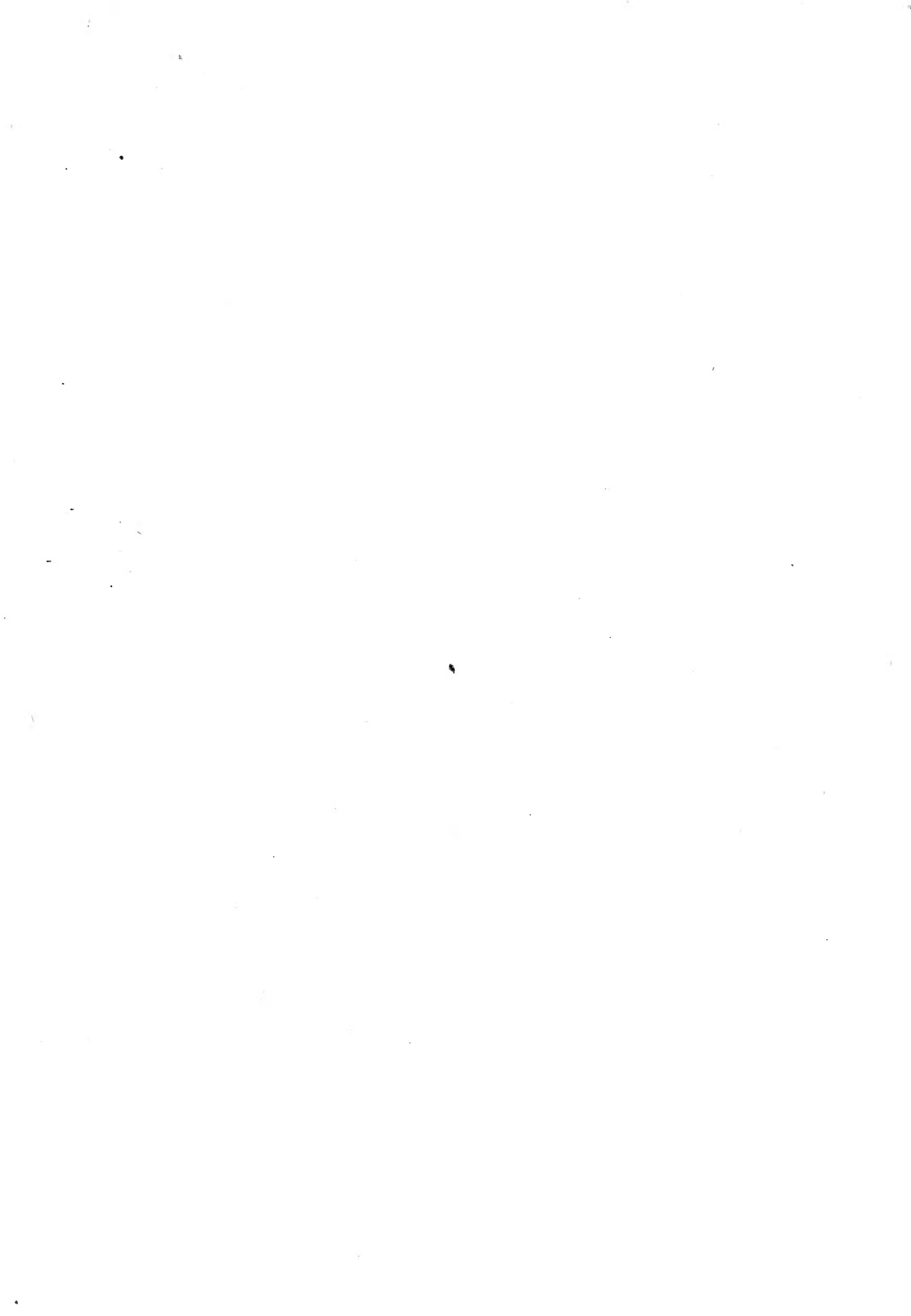


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Aphine Mfg. Co.	22	Dards	14	Works	22	Meehan, Chas. E.	19	nure Co.	
Barrows & Son.	2	Davenport, A. M.	2	Hart, Geo. B.	16	Metropolitan Ma-	23	Randall's Flower	
Bayersdorfer, H.		Dreer, H. A.	23	Hess & Swoboda.	15	terial Co.	23	Shop	15
Co.	17	Dunlop, John H.	15	Hews, A. H. &	20	Michell, H. F. Co.	12	Reed & Keller.	19
Bay State Nur-	4	Dysart, R.	14	Co.	20	Michigan Cut	16	Reidel & Meyer.	18
series		Edwards Folding		Hill Co., E. G.	16	Flower Ex.	16	Reld, Edw.	16
Beechwood Hts.		Box Co.	16	Hill, D. Nursery		Millang, Chas.	18	Robinson, H. M.	19
Nurseries	19	Elliott, Wm. &		Co.	2	Millang, Frank.	18	Co.	19
Bobbink & At-		Sons	13	Holm & Olson.	15	Miller, A. L.	2	Robinson, H. M.	16
kins	2	Esler, J. G.	23	Holland Nur-		Murray, Samuel.	14	& Co.	16
Boddington, A.		Eyres	15	series	2	Nat'l Nursery-	2	Roehrs, J. Co.	4
T.	12	Farquhar, R. &		Hotel Cumberland	4	man	2	Roland, Thomas.	15
Bolgiano & Son.	13	J. Co.	13	Howard & Smith.	15	N. Y. Florists'		Rolker, A. &	
Boston Floral		Fenrich, Jos. S.	18	Irwin, R. J.	13	Supply Co.	19	Sons	3-21
Supply Co.	19	Floral Nurseries.	16	Johnston Bros.	14	Nicotine Mfg. Co.	22	Rosery, The.	14
Breck, J. & Sons.	13	Foley Mfg. Co.	23	Kasting, W. F.		Nielsen, Leo Co.	16	Rynveld, F. &	
Breitmeier's, J.		Ford, M. C.	18	Co.	16	Nitrate Agencies		Sons	3
Sons	14	Ford, W. P.	18	Keller Sons, J. B.	15	Co.	22	Schling, Max.	14
Budlong, J. A.	16	Fottler, Fiske.		Kelway & Son.	13	Quwerkerk, P.	2	Schwake, Chas.	
Bunyard, A. T.	14	Rawson Co.	12	Kerr the Florist.	15	Son	15	Co.	3
Burnett Bros.	13	Froment, H. E.	18	Kervan Co.	18	Park Floral Co.	15	Sekenger, Adam.	14
Burpee, W. A. &		Galvin, Thos. F.	15	King Construc-	23	Pennock, S. S.		Sheridan, W. F.	18
Carte's	13	Gasser Co., J. M.	15	tion Co.	23	Pennock, S. S.		Siebrecht, Geo. C.	18
Carter's Tested		Graham, Adam &		Knoble Bros.	15	Parshelsky Bros.	23	Siggers & Sig-	
Seeds, Inc.	12	Son	15	Kottmiller	14	Penn the Florist.	14	gers	23
Childs, John		Gude Bros. Co.	14	Kroeschel Bros.	24	Pfutzgraff Pot-		Skidelsky, S. S.	
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								Young, John	18
								Young, Thos. Jr.	10
								Young & Nugent.	14
								Zech & Mann.	16

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(A Glorified Ophelia)

fragrant. In habit of growth Rosalind is identical with Ophelia, from which it is a sport. It originated with us two years ago, and grown side by side with Ophelia, is far superior to that variety.

Awarded First Prize at International Flower Show, New York, March, 1917, for best new rose.

Awarded additional Silver Medal at same show for display of Rosalind

Awarded Silver Medal by the Horticultural Society of New York.

Awarded Silver Medal by the Tarrytown Horticultural Society. Also numerous certificates.

WILL BE DISSEMINATED SPRING OF 1918

See illustration of ROSALIND on cover of HORTICULTURE, issue of December 8, 1917.

Strong plants, 2 1/4-inch pots, \$25.00 per 100, \$225 per 1,000; 250 plants for \$60.00.

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Specialists in Specimen Stock for Landscape Work

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By JOHN KIRKEGAARD

Formerly Assistant to Director of the Royal
Botanical Gardens, Copenhagen, Denmark.
Latterly Twenty Years in American For-
estry and Botanical Work.

Assisted by DR. H. T. FERNALD,

Professor of Entomology Massachusetts
Agricultural College and Entomologist,
Massachusetts Agricultural Experiment
Station,

and PROF. E. A. WHITE,

Professor of Floriculture, New York State
College of Agriculture at Cornell Univer-
sity.

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Julius Roehrs Company PLANTSMEN

Orchids, Conservatory Plants, Novelties, Begonias, Garden
Perennials

Finest Stock in America for Trade or Private Requirements

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that is well grown, well dug and well packed

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tion Horticulture**

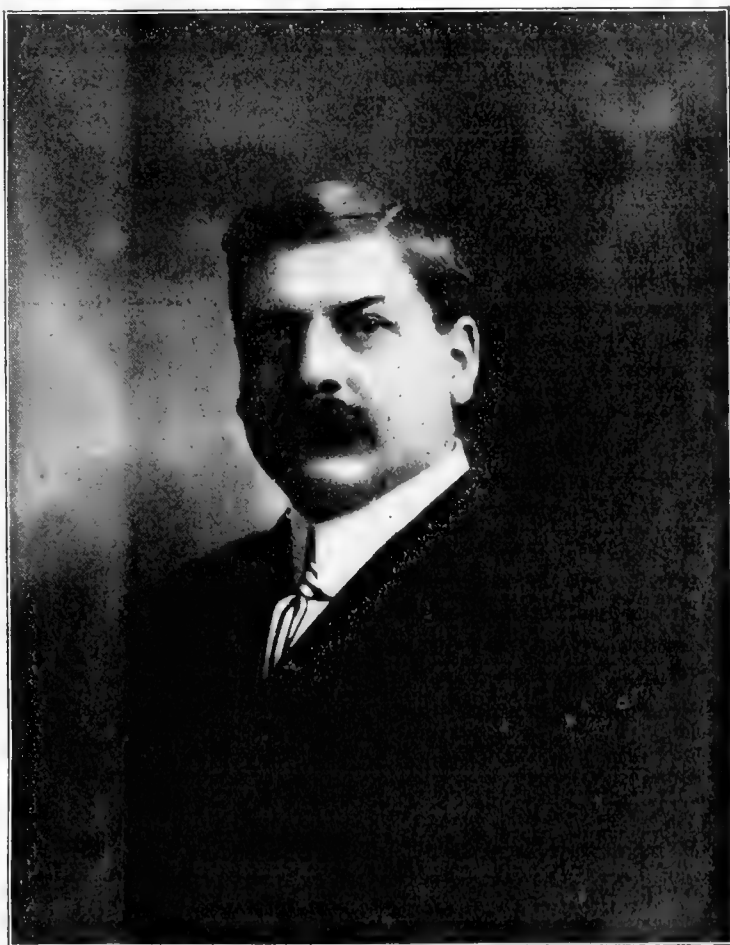
A GREETING

To the Members of the Society of American Florists and Ornamental Horticulturists

ON assuming the office of President to which you have elected me for the year 1918, I think it hardly necessary to remind you that we are living in troublous times. If there ever has been a reason for the existence of the Society of American Florists as a live body to look after the interests of its members, that time is now, and any florist that expects to stay in business and is not a member of the National Society, is not playing fair with his fellow-florists. Readers may ask—"Why so?" and the answer is simple. For instance, a few weeks ago there was a shortage of coal in some sections and a delegation of prominent members of the S. A. F. & O. H., at their own expense went to Washington to interview the Coal Commissioner with regard to the coal supply for the florists' business. Many of them had heard that the florists' business was classed as "non-essential" and therefore their coal supply would be reduced if necessary in order that manufacturers, etc., could keep their factories running. Each of

these men contributed reasons showing that the florists' business was just as essential as any other in helping to win the war. Through the Washington representative of the S. A. F.,

Wm. F. Gude, these men obtained an audience with the Fuel Commissioner and stated their case. Many of the facts presented to the Commissioner had not occurred to him before and he was inclined to consider florists in a more favorable light after hearing their side of the case. There is no question but that more recognition was given this delegation from the S. A. F., than would have been given any one of them as an individual. Another excellent thing the Society has done was the appointing of a Committee to interview the



Charles H. Totty

President, Society of American Florists and Ornamental Horticulturists

Transportation Companies, thereby facilitating the delivery of flowers.

The S. A. F. and O. H. at the present time is launching a campaign for the more extensive use of flowers under the splendid leadership of Henry Penn of Boston, as Chairman, a man who is perhaps re-

...any other man in the business... power of successful adver... \$50,000 for this campaign. It is Nation-wide and in expert hands and is going to benefit every florist in the country, which is why I say that any florist who does not join the S. A. F. is not doing his share and is a drag on the progressive man who does belong. Brother Florist, if you would ever have your business attain its proper place and dignity, you must let the world know what you are doing and how you are doing it. This is particularly essential at this time when people are cutting off so-called "luxuries." The time when flowers could be classed as "luxuries" is gone by. Whether used at the bedside of the sick, carrying a message of hope and cheer and making the patient forget for a time his physical infirmities or gracing the wedding of the "blushing bride," or toning down the stark, cold hands of death, flowers have a distinct mission, educating and refining our people and diverting their minds from the gruesome details of war and the daily annoyance of business life. Again the florist—and his name is legion—who devotes part of his greenhouses to the raising of tomatoes, cabbage and young vegetable plants for spring sales is doing as much in his way as any other industry engaged in winning the war, and this point cannot be too strongly emphasized on occasions where florists are referred to as "non-essential."

The big event of the coming year will of course be the National Flower Show in St. Louis, during the month of April. Coming as it does in conjunction with the regular Convention of the S. A. F. and O. H., it should bring not only a record-breaking attendance at the Convention, but the most successful show we have so far held. This is easily possible, Brother Florists, if you will all "pull together" and everyone will do his share for the success of this enterprise. Previous exhibitions have always been successful and left an indelible mark of progress on horticulture in the particular

sections where they have been held. There is no reason at all why St. Louis should not take its place at the head of the procession. A successful Flower Show will help materially the Publicity Campaign, since it will give excellent copy to all the newspapers and the two purposes will most successfully co-ordinate.

To the pessimistic florist who sees nothing but trouble ahead for our business during the coming year, I would say in the words of Patrick Henry—"We can only judge the future by the past." The European countries at war the past four years still report excellent business in the florists' trade. It is only natural that this should be as flowers furnish an antidote for the sickening details of the war and its consequences.

Now, as President of the S. A. F. and O. H., I want every florist in the Society, no matter how small his business, to feel that the interest of one is the interest of all. The Executive Board will meet in St. Louis in January to map out the business of the Convention in April and any member of the S. A. F., who has any suggestions to offer or advice to ask, I want them to write me and I will see that the matter is brought to the attention of the Executive Board and proper recognition given it.

"As a man thinketh, so he is," is a true saying and every florist if he will radiate optimism and "good cheer" from his person will find it reflected in a marked manner in his "cash register." To those timorous souls who cannot see the "silver lining" I would remind them of the good old hymn—

"You trembling Saints, fresh courage take,
The clouds you so much dread
Are big with Mercy and will break
In blessings on your head."

Charles H. Lath

S. A. F. Prospectus for 1918

The work of the Society during the year 1918 will be unusually active and likely to result in much benefit to the trade in all its branches. Two very important undertakings which will be pushed to completion are the National Flower Show in St. Louis, April 6-15, and the first season's work in the campaign for Publicity for Flowers. Other important work will be in connection with preliminaries looking to the establishment of the proposed Credits and Collections Bureau; the committee having this project in charge is now organized, with R. C. Kerr of Houston, Texas, as chairman.

There never was a time in the history of the Society when membership carried with it more advantages. I

would say to those who are not already on our membership roll that our work is purely altruistic, and in the interests of the entire trade and auxiliary lines as well. The dues are very small and out of all proportion to the immense benefit derived by each and every florist in this broad land. There is no reason why we should not embrace in our fold every real florist—for the results of our good work must be shared individually, therefore it behooves all to become a part of the machine that produces such results. At least add your mite to show your appreciation of our labors.

The arrangements for the Fifth National Flower Show, to be held in St.

Louis, April 6-15 next, are rapidly approaching completion. It will be held in Moolah Temple and an especially constructed annex. Floor plans covering the Trade Exhibition in connection with the Show have been prepared and sent out, and judging from the interest already shown in this exhibition, it will be the largest of the series heretofore carried out under the auspices of the Society. It is quite natural that we should expect this to be the case, as our Annual Convention will be held in conjunction with the Show. Copies of the floor plan are available, and may be had on application to the Secretary's office. The competitive exhibits promise to be large in scope, and will be drawn from all sections of the country, even from abroad. The local committees in charge of the various details are working most ardently, and, without

question, the Show will be a huge success.

Campaign for Publicity for Flowers.

The Society has planned and put in operation a publicity campaign which it is intended shall increase the public demand for flowers and plants, and bring them prominently to the notice of the public as necessities in the home life, and as being particularly appropriate for presentation purposes, carrying, as they do, sentiments hardly to be expressed by the use of any other medium.

It is proposed to expend \$50,000 during the year 1918, \$40,000 of which will be used for advertising in national magazines, such as the *Saturday Evening Post*, *Metropolitan*, *Literary Digest*, *Good Housekeeping*, *Woman's Home Companion* and *Delineator*. The copy in many instances will appear in colors, showing roses and other flowers true to life. The first insertion is to appear in the *Saturday Evening Post*, full-page space, on or about Feb. 6, 1918, advertising St. Valentine's Day. Over 1,800,000 people will read this one advertisement alone, and during the campaign nearly 13,000,000 people will see the advertising of the S. A. F., and through the proper kind of argument, illustration and merchandising, will be persuaded to buy more flowers, which of course is bound to help the retailer, and in turn the wholesaler and the grower.

The slogan selected, which will run through all the advertising and printed matter, is "*Say It With Flowers*," the idea being to impress this slogan upon the minds of readers and make them understand that flowers are words and will express any sentiment, thought or message.

The *Metropolitan Magazine* for April will contain a full page in colors, reproducing the flowers by offset process and giving a very beautiful presentation of the entire flower proposition.

It is proposed to place these pages in duplicate in the hands of retailers throughout the country, to display in their store windows during the time that the magazines are on sale.

The campaign has been so extensively planned and is being prepared with so much care that the advertisements and other publicity material will unquestionably get the attention of flower lovers throughout the country. The advertisements will be just as convincing as they can possibly be made; the drawings will be the work of some of the foremost artists in the country, and everything connected with the campaign will be consistent with the artistic spirit as well as with the commercial purpose of the plan. Every advertisement will carry with it in a permanent way the suggestion of flowers for birthdays, and the entire campaign will be tied up to a plan of dealer co-operation and dealer helps, which will greatly add to its value. An attractive booklet, entitled, "*SAY IT WITH FLOWERS*" is now in the hands of the publishers and will be ready for dealers within a short time.

As the plan has crystallized into definite form, the enthusiasm of those connected with it has grown warmer and warmer and the conviction grown

A POPULAR HOLIDAY PLANT.



The always popular cyclamen in various sizes, proved to be one of the best, if not the very best, selling Christmas plants this year. The accompanying picture shows how A. L. Miller, of Jamaica, New York, grew them in the small sizes which so nicely fill the call for a moderate priced flowering plant with good keep-

ing qualities. Henry Penn made the cyclamen the subject of a special Christmas advertisement, 7 x 9 inches, in the *Boston Transcript*. It was a very unique and attractive presentation of the charms of the cyclamen as an acceptable Christmas gift, with a handsome paneled cut of a well-grown plant in a basket.

stronger and stronger that the results dealer large or small, in the entire anticipated in the beginning will be enormously surpassed and that every country, will directly feel the stimulus.

Almost at the same time that the St. Valentine's Day advertisement appears in the *Saturday Evening Post* in February, a large folder will be mailed to every florist in the country, giving all the details of the plan, reproducing some of the advertisements, explaining all of the items in regard to dealer and helps and the ways in which the S. A. F. will co-operate with the individual dealers, placing in the hands of every florist a complete and easily understood outline of the work that is being undertaken. It will give in detail information regarding handsome glass window signs to be furnished to retailers, transfer signs, the booklet handsomely printed in colors, which will be furnished at reasonable cost to send to their own customers under their own firm names, the newspaper advertisements, complete plates of which will be furnished at cost for publication in their local newspapers, and, in fact, all details and helps connected with the campaign.

The money that is to be expended to popularize flowers will be well spent, not only because it is helping the flower industry, but because it is educating the public to give flowers rather than manufactured products which are meaningless.

Flowers form the ideal gift, because they please everyone, appeal to the higher senses, and at the same time and under present conditions the gift of flowers is more than ever advisable.

That the Florists' Publicity Movement is laudable from every viewpoint is obvious; that it is practicable

and will most certainly be profitable is apparent to all who realize the tremendous power of the printed word. It should be borne in mind by every retailer, wholesaler and grower in this country, that if this campaign is to be successful it must have the co-operation and backing of every one of them. The \$50,000 fund is still short and additional contributions are needed, and needed at once. The membership of the S. A. F. should be trebled and every person connected with the growing or selling of flowers in the United States should join the Society immediately; a membership costs only \$5.00 for the first year, and \$3.00 annually thereafter. Applications should be sent at once to the Secretary, to whom also contributions for the campaign should be forwarded.

Representation.

Practically every important organization of a commercial nature in which florists are interested is represented on the Executive Board of the Society, particularly the Florists' Telegraph Delivery Association, whose president, vice-president, and several of its members have seats. Other organizations well represented on the Board are the American Carnation Society, the American Rose Society, Florists' Hall Association, Florists' Club of Philadelphia, Chicago Florists' Club, and the New York Florists' Club. It will thus be seen that the interests of the whole trade are conserved in our directorate, a fact of which we are proud.

That all of our friends may enjoy a most Happy and Prosperous New Year is the wish of

JOHN YOUNG,

Secretary, S. A. F. & O. H.

53 West 28th St., New York.

Dec. 31st, 1917.

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JANUARY 5, 1918

NO. 1

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Better service ahead

The confidence expressed by our Cleveland correspondent as to the improved service to be expected from the railroads under government control seems to prevail quite generally in other sections as well. We trust this optimism will prove to have been well founded and that the florist business, which has suffered proportionately as much as any other industry from the demoralizing transportation service, may soon be enabled to resume normal operations and enjoy adequate facilities for prompt delivery of its perishable commodities as well as for securing fuel where needed. Considering the very unreliable and trying conditions of weather and service under which the trade has labored during December it seems really remarkable that the reports of Christmas business from virtually all parts of the country have been so satisfactory.

The publicity drive

Not a few queries, verbal or written, have come to us of late concerning the status and plans of the S. A. F. publicity campaign and the ways and means to be employed in the expenditure of the funds collected for advertising purposes. It must be admitted here that most of these inquiries, and especially those which were in the least censorious in tone, have come from individuals whose names do not, thus far, appear in the lists of those who have "drawn their wallet" for the cause. However, it is fair to assume that many of these are sincere in their desire for information and it is quite possible that many of them will "open up" generously as soon as they are convinced of the wisdom of the movement and the methods to be pursued. So the statement on this subject from Secretary Young which appears in this issue, with its convincingly explicit pros-

pectus, comes in very good time and should satisfactorily clear up the doubts of the timorous ones. To those who after reading Mr. Young's address still are on the fence and those who have advice to offer or are disposed to proffer assistance in the way of contributions or otherwise, we would suggest that they write freely and unreservedly to Secretary Young for further light. But above all things, do all you conscientiously can to help along this drive and place yourself shoulder to shoulder man-fashion with your fellows who have already allied themselves in a substantial manner with this most commendable undertaking, in the benefits of which *you* will be a participant.

The passing of the "roping"

From the leading shipping centres for Christmas "greens" comes the information that the business has not been as profitable this season as in former years and that the quantity of cut holly, laurel, boxwood and bouquet green shipped to the city wholesale markets has been very small as compared with other years. This is generally accounted for by the shippers as due to the shortage of labor and inadequate transportation facilities. But it is worth while to bear in mind that, with a few trifling exceptions, this greatly reduced supply was not productive of any particular stringency or augmented market value in the large consuming markets. Had such a tie-up occurred a few years ago it would have created consternation and a frenzied scramble. We are inclined to believe that the very moderate call for this sort of material this year means that the zenith of its popularity has been passed and that, with the possible exception of boxwood, the sale of these goods will never again reach its former proportions. We sincerely hope, for the interests of the Christmas plant growers and for the preservation of our most beautiful native evergreens from complete obliteration, that our deductions are correct and that the era of crude "roping" and inartistic, meaningless "decoration" has passed forever.

Happy New Year

We do not believe that any one of the thousands who read HORTICULTURE harbor any regrets over the passing of 1917 and the advent of a new year. While we may find it difficult to determine any basis for belief that 1918 will bring less privation or greater happiness and prosperity than its predecessor handed out, yet

"Hope, like the gleaming taper's light,
 Adorns and cheers our way;
 And still, though darker grows the night,
 Emits a brighter ray."

So hope, the great invigorator, illumines our horizon as the New Year dawns and in our quickened imagination and a resolute purpose we gather renewed confidence and comfort. If HORTICULTURE's hopes for the New Year can only be realized—and that is by no means impossible—then prosperity will come in big volume to all those who toil to brighten this old world with flowers and verdure and thus to make men better and life here happier. May their crops flourish as never before, may the coal bins never be empty and may the recompense for their labors be substantial and continuous. But, after all, it is everlastingly true that "God helps those who help themselves" and there has never been a time when intelligent planning and unremitting attention to one's business was more essential to success than at the present time and will be for the coming year. And now with an earnest injunction to all to "watch out" we extend to the great horticultural fraternity our most cordial good wishes that they may be blessed with a Happy and Prosperous New Year.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

Official Appointments for 1918

Directors under affiliation to serve one year

Philip Breitmeyer, Detroit, Mich., vice-president Florists' Telegraph Delivery Association.

Benjamin Hammond, Beacon, N. Y., president American Rose Society.

W. J. Vesey, Jr., Fort Wayne, Ind., president American Carnation Society.

E. G. Hill, Richmond, Ind., president Florists' Hall Association.

Chas. Schenck, New York, president New York Florists' Club.

A. Farenwald, Roslyn, Pa., president Florists' Club of Philadelphia.

Frederick Lautenschlager, Chicago, Ill., president Chicago Florists' Club.

Washington Representative

Wm. F. Gude, Washington, D. C.

National Flower Show Committee

Herman P. Knoble, Cleveland, Ohio, term six years.

(The complete committee follows)

George Asmus, chairman, Chicago, Ill., term expires Dec. 31, 1918.

A. Farenwald, Roslyn, Pa., term expires Dec. 31, 1919.

W. P. Craig, Philadelphia, term expires Dec. 31, 1920.

Patrick Welch, Boston, Mass., term expires Dec. 31, 1921.

Thos. Roland, Nahant, Mass., term expires Dec. 31, 1922.

Herman P. Knoble, Cleveland, Ohio, term expires Dec. 31, 1923.

Committee on Tariff and Legislation

(re-appointed)

Wm. F. Gude, Washington, D. C., chairman.

James McHutchison, New York, N. Y.

Wm. H. Siebrecht, Jr., Long Island City, N. Y.

Hebar J. Ware, New York, N. Y.

Leonard Vaughan, Chicago, Ill.

Committee on Publicity

E. J. Fancourt, Philadelphia, Pa., term five years.

(The complete committee follows)

Henry Penn, chairman, Boston, Mass., term expires Dec. 31, 1921.

Guy W. French, Morton Grove, Ill., term expires Dec. 31, 1920.

Joseph Heacock, Wyncote, Pa., term expires Dec. 31, 1919.

Thos. H. Joy, Nashville, Tenn., term expires Dec. 31, 1918.

E. J. Fancourt, Philadelphia, Pa., term expires Dec. 31, 1922.

Publicity Finance Committee

(re-appointed)

Geo. Asmus, chairman, Chicago, Ill.

W. R. Pierson, Cromwell, Conn.

F. L. Atkins, Rutherford, N. J.

Herman P. Knoble, Cleveland, Ohio.

John Young, New York, N. Y.

Committee on National Credits and Collections Bureau

Robt. C. Kerr, chairman, Houston, Texas.

S. S. Pennock, Philadelphia, Pa.

Chas. L. Washburn, Chicago, Ill.

Philip Breitmeyer, Detroit, Mich.

Frank X. Stuppy, St. Joseph, Mo.

Committee on Convention Garden

Philip Breitmeyer, Detroit, Mich., term three years.

(The complete committee follows)

Theo. Wirth, chairman, Minneapolis, Minn., term expires Dec. 31, 1919.

Clarence L. Brock, Houston, Texas, term expires Dec. 31, 1918.

Philip Breitmeyer, Detroit, Mich., term expires Dec. 31, 1920.

Committee on School Gardens

A. J. Loveless, Lenox, Mass.

(The complete committee follows)

Benj. Hammond, chairman, Beacon, N. Y.

Michael Barker, Chicago, Ill.

Irwin Bortermann, Indianapolis, Ind.

Leonard Barron, Garden City, N. Y.

A. J. Loveless, Lenox, Mass.

Committee on Development of American Products

Chas. Willis Ward, chairman, Eureka, Calif.

John H. Dunlop, Toronto, Ont.

Wallace R. Pierson, Cromwell, Conn.

Joseph H. Hill, Richmond, Ind.

F. R. Pierson, Tarrytown, N. Y.

Committee on Nomenclature

Prof. E. A. White, chairman, Cornell University, Ithaca, N. Y.

Dr. N. L. Britton, Botanical Gardens, Bronx Park, N. Y.

Prof. T. B. Symons, College Park, Md.

Botanist

John Dunbar, Rochester, N. Y.

Pathologist

George L. Pettler, Agricultural Experiment Station, Auburn, Ala.

Entomologist

Dr. T. F. Headlee, Agricultural Experiment Station, New Brunswick, N. J.

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JOHN YOUNG, Secy.

S. A. F. NATIONAL PUBLICITY CAMPAIGN.

During Christmas week the subscriptions received were few and far between. Chairman George Asmus of the Finance Committee reports the following:

Through the Secretary's Office. Frank J. Moreau, Freehold, N. J., \$5.00; W. A. Harbert, Dubuque, Iowa, \$5.00; F. B. Abrams, Blue Point, L. I., \$15.00. For One Year.

By H. P. Knoble, Cleveland, Ohio—Jos. H. Hill Co., Richmond, Ind., \$50.00.

By R. C. Kerr, Houston, Texas. Henry Greve, Dallas, Texas, \$25.00; J. E. McAdam, Fort Worth, Texas, \$25.00. Annually for Four Years.

At the Texas State Florists' Association Meeting. E. M. Judge, Tyler, \$10.00; Mrs. Sam Brown, Tyler, \$10.00; Hans Schroeder, Temple, \$25.00; Corsicana Greenhouses, Corsicana, \$25.00; Southern Florist Co., Fort Worth, \$10.00; Hyde Park Floral Co., Austin, \$10.00; H. Kaden, Gainesville, \$10.00; P. M. Koentz, Springfield, Ohio, \$10.00; Texas State Florists' Association, \$25.00. For One Year.

Total, \$260.00. Previously \$143.00. Total, \$403.00. Grand Total, \$258.00.

JOHN YOUNG, Secy.

Dec. 29th 1917.

CLUBS AND SOCIETIES

MASSACHUSETTS HORTICULTURAL SOCIETY SUSPENDS CASH PRIZES

The Massachusetts Horticultural Society has issued to its members and principal exhibitors the following notice:

On account of war conditions and the necessity of conservation of resources to meet possible emergencies the Committee on Prizes and Exhibitions, with the approval of the Advisory Committee, has decided to eliminate substantially all money prizes from the Schedule of Prizes and Exhibitions for the year 1918.

The exhibitions of the Society will be held as usual and the entire net receipts of the pay shows will be given to the Red Cross or other war relief work. Special efforts will be made that the exhibitions maintain their usual high standard of excellence and even surpass those of previous years.

Prominent exhibitors, both private and commercial are enthusiastically in favor of the proposed plan and have promised to aid to their fullest ability in placing the Society in the front line of helpfulness to the Government, having in mind the extraordinary conditions which are likely to prevail during these times of dire war.

The usual Spring Flower Show in March will be held in accordance with the Preliminary Schedule already issued with the omission of the money awards and the complete Schedule of Exhibitions for the year 1918 will be issued at an early date. The patriotic interest of all exhibitors is urged that the Society may place itself on record as rendering useful service during the war.

RICHARD M. SALTONSTALL, Pres.
WM. P. RICH, Secy.

The Inaugural Meeting of the Massachusetts Horticultural Society for the year 1918 will be held at Horticultural Hall, 300 Massachusetts Avenue, Boston, at 12 o'clock, noon, on Saturday, January 12, 1918. The business of the meeting will be the hearing of an Inaugural Address by the President, the report of the Board of Trustees, the reports of officers, and the reports of the chairmen of the various committees, which reports will be open for discussion and action.

Exhibitions.

The following exhibitions will be held in January and March, 1918:

January 12. At the Inaugural Meeting.

January 30 and 31. Carnation Exhibition, in conjunction with the annual meeting of the American Carnation Society.

March 13-17. Grand Spring Exhibition.

The complete schedule of exhibitions for the year is being prepared and will be issued shortly.

Meetings Next Week

Monday, Jan. 7.

Bernardsville Horticultural Society, Horticultural Hall, Bernardsville, N. J.
Libanon Horticultural Society, Fire Hall, Libanon, N. J.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
Montreal Gardeners' and Florists' Club, Montreal, Canada.
New Bedford Horticultural Society, New Bedford, Mass.
Washington Florists' Club, Washington, D. C.
Cleveland Florists' Club, Cleveland, O.

Tuesday, Jan. 8.

Newport Horticultural Society, Newport, R. I.

Wednesday, Jan. 9.

Cincinnati Florists' Society, Jabez Elliott Flower Market, Cincinnati, O.
Dutchess County Horticultural Society, Fallkill Bldg., Poughkeepsie, N. Y.
Lenox Horticultural Society, Lenox, Mass.
Morris County Florists' and Gardeners' Society, Madison, N. J.
Nassau County Horticultural Society, Pembroke Hall, Glen Cove, N. Y.

Thursday, Jan. 10.

Menlo Park Horticultural Society, Menlo Park, Calif.
New London Horticultural Society, Municipal Bldg., New London, Conn.

Friday, Jan. 11.

Connecticut Horticultural Society, County Building, Hartford, Conn.
Westchester and Fairfield Horticultural Society, Dorans Hall, Greenwich, Conn.

Saturday, Jan. 12.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

The Committee on Lectures of the Massachusetts Horticultural Society has issued the program of lectures to be given at Horticultural Hall, Boston, on Saturday afternoons at two o'clock during January and February. The lectures are free to the public. The complete list is as follows:

January 5. The Country of the Amazon. Illustrated. By Dr. W. T. Councilman, Boston.

January 12. The Arnold Arboretum. Illustrated. By Edward I. Farrington, Weymouth Heights.

January 19. Agricultural Work in Massachusetts with Boys and Girls. Illustrated. By George L. Farley, Amherst.

January 26. The Iris. Illustrated. By Arthur Herrington, Madison, N. J.

February 2. New Horticultural Crops for Our Food Supply. By Prof. U. P. Hedrick, Geneva, N. Y.

February 9. America's Horticultural Future. By W. A. Manda, South Orange, N. J.

February 16. The Peony. Illustrated. By Bertrand H. Farr, Wyomissing, Pa.

February 23. The Diseases of Roses. Illustrated. By Prof. L. M. Massey, Ithaca, N. Y. The John Lewis Russell Lecture

WM. P. RICH, Secy.
Horticultural Hall, Boston.

NATIONAL ASSOCIATION OF GARDENERS.

The following directors have been appointed by President Robert Weeks, of the National Association of Gardeners, to serve for three years, until 1921: Thomas W. Head, Lake Forest, Ill.; James Stuart, Mamaroneck, N. Y.; William Kleinheinz, Ogontz, Pa.; John F. Huss, Hartford, Conn.; Edwin Jenkins, Lenox, Mass.; Carl U. Fohn, Colorado Springs, Colo.; Joseph Tansy, Tuxedo Park, N. Y. To succeed P. W. Popp, elected vice-president, whose term as director expires 1920, Robert Williamson, Greenwich, Conn. To succeed Anthony Bauer, elected trustee, whose term as director expires 1919, Thomas Hatton, New London, Conn.

The following committees have been appointed by President Weeks to serve for the year 1918: National Co-operative Committee—Robert Weeks, Cleveland, Ohio; P. W. Popp, Mamaroneck, N. Y.; Ernest Guter, Pittsburgh, Pa.; Martin C. Ebel, Madison, N. J. Committee on Essays and Horticultural Instruction—William N. Craig, Brookline, Mass.; Prof. H. B. Dorner, Urbana, Ill.; Edwin Jenkins, Lenox, Mass.; Arthur Smith, West End, N. J.; Theodore Wirth, Minneapolis, Minn. Committee on Meritorious Exhibits—William Kleinheinz, Ogontz, Pa.; Daniel J. Coughlin, Locust Valley, N. Y.; Percy Copp, Menlo Park, Cal.; Duncan Finlayson, Brookline, Mass.; William E. Fischer, Lake Forest, Ill. Committee on Bird Preservation and Propagation—L. P. Jensen, St. Louis, Mo.; John Johnson, Pittsfield, Mass.; G. A. Meyer, Santa Barbara, Cal.; Carl U. Fohn, Colorado Springs, Colo.

The Committee on Essays and Horticultural Instruction has renewed the distribution of essays, on subjects pertaining to the gardening profession and on ornamental horticulture, among the gardeners' local societies and other horticultural bodies that may be interested, for discussion at their monthly meetings. Any organization not now receiving this service and desiring it can secure it without charge or other obligation by applying to M. C. Ebel, secretary, Madison, N. J.

It is proposed to hold the first of the quarterly district conferences—recommended by the recent convention of the association—the latter part of March. The meeting places, to be arranged in different parts of the country, will be announced by the National Co-operative Committee in February. The "big drive," or work, before the association for the year is to double its membership before its next annual convention, to be held in Cleveland in October, by bringing into the

association all interested in the gardening profession, who will aid its cause by being identified with it. Particulars of membership may be obtained by addressing the secretary.

Attention is directed to the new class of sustaining membership to which the owners of country estates are eligible, the annual dues being \$10. Members engaged on country estates are asked to invite their employers to become sustaining members and thereby interest them in the affairs of their national association.

M. C. EBEL, Secy.

Madison, N. J.

THE HUTCHINS MEMORIAL.

Subscriptions to the W. T. Hutchins memorial cup now amount to \$190. It is desired that this sum be made up to \$250. Subscriptions to date are as follows:

Mrs. Sykes, \$25.00; Henry A. Michell, \$5.00; L. D. Waller Seed Co., \$5.00; Peter Henderson & Co., \$25.00; Fottler, Fiske, Rawson Co., \$10.00; F. G. Cuthbertson, \$5.00; W. Atlee Burpee Co., \$25.00; Stumpp & Walter, \$10.00; Florists' Exchange, \$5.00; Stecher Lithographic Co., \$25.00; John H. Stafford, \$10.00; Henry A. Dreer Co., \$10.00; Waldo Rohmert, \$5.00; Northrup, King & Co., \$15.00; Howard M. Earl, \$5.00; Geo. W. Kerr, \$5.00.

The friends of the Sweet Pea and of its late apostle, W. T. Hutchins, should and doubtless will see to it that this very worthy project is fully carried out and the requisite funds promptly subscribed. All subscriptions and communications should be sent to George W. Kerr, W. Atlee Burpee Co., Philadelphia, Pa.

Edwin Jenkins, Stanley Barnes and John Johnson have been appointed literary committee of the committee of the Lenox (Mass.) Horticultural society for the year. This committee will arrange a series of meetings of the club at which local and Berkshire men will speak on subjects of interest to the members. The first meeting will be held Jan. 9 and L. W. Harger of Pittsfield will speak on the local newspaper.

"THEM FLOWERS."

From "Songs of Sunshine," by James Whitcomb Riley; reprinted in "The Blue Flower."

Take a feller 'at 's sick and laid up on the shelf,

All shaky and ga'nted and pore
Jess all so knocked out he can't handle hisself

With a stiff upper lip any more;
Shet up all alone in the gloom of a room
As dark as the tomb and as grim,
And then take and send him some roses in bloom

And you can have fun out o' him!

You've ketched him 'fore now—when his liver was sound

And his appetite notched like a saw—
A-mockin' you, maybe, for romancin' round
With a big posy-bunch in yer paw.
But you ketch him, say, when his health is away

And he's flat on his back in distress,
And then you kin trot out yer little bokay
And not be insulted, I guess!

You see, it's like this, what his weakness is—

Them flowers makes him think of the days
Of his innocent youth, and that mother o' his,

And the roses that she us't to raise:—
So here, all alone with the roses you send—
Bein' all sick and all trimbly and faint,—
My eyes is — my eyes is — my eyes is — old friend —

Is a-leakin'—I'm blamed ef they ain't.

Obituary

Elias A. Long.

Elias A. Long, a former resident of Buffalo, N. Y., died at the home of his daughter in Sac City, Ia., on December 24, aged 69 years.

Of Pennsylvania-Dutch parentage Elias A. Long was born in Williams-ville, near Buffalo, N. Y., on May 1st, 1849. As his father David Long was engaged in the nursery business locally, this fifth child of a numerous family gained an insight of Nature's ways in his youthful years. On attaining his majority an earnest desire became partly filled in a limited schooling in the Peter Henderson greenhouse establishment at Jersey City, N. J., in 1871; and the firm of Long Bros. florists, soon became a reality as promoted by him with the intention of specializing in the shipping and mail trade from greenhouses of new construction at Buffalo, facing on Humboldt Park. A retail business in the city was, however, contemplated as well, and developed in the opening of a store at 440 Main Street, on Nov. 20th, in the year 1872, being the first regular flower store known to Buffalo. This retail business continued without a break, and successfully, for nearly twenty years, being latterly owned and conducted by Dan'l B. Long, a younger brother of the deceased.

A ready ability for expressing ideas in original style led the first plant catalogs produced by Elias A. Long to partake of a distinctively bookish character and he induced an attempt at direct authorship, turning out a pretentious volume some years later, entitled Ornamental Gardening for Americans and published by the Orange Judd Co., of New York City. In 1885 he became sponsor for an all round horticultural monthly entitled Popular Gardening. This magazine became a noted leader in its class attaining a good success and influence, as former generations in the trade well remember, and achieving an envied prestige. Lack of working strength here for meeting the dual demands of editor and manager alike induced a parting with this property.

As an illuminating agent, the developing field offered by acetylene next gained his active attention in a new venture—The Acetylene Journal, first conducted in Buffalo, and later in Chicago under the continuing editorship and management of Mr. Long, and which relations continued for upwards of fifteen years when early in 1914 a sudden paralytic stroke incapacitated him from any further work. His was an active servitor, done well and freely given for the gain and benefit of mankind.

D. B. L.

Charles Mulford Robinson.

Charles Mulford Robinson of Rochester, N. Y., widely known in England and in America as a city planning expert, died suddenly on December 30, in Albany, of pneumonia. Mr. Robin-

son held the first professorship of civic design in this country at the University of Illinois. He was the first secretary of the American Civic Association and organizer and first secretary of the National Alliance of Civic Organizations. He was author of a number of books and many articles in magazines.

R. Frank Peckham.

R. Frank Peckham of Little Compton, R. I., died on Sunday, December 23, aged 50 years. Mr. Peckham suffered a shock about four months ago from which he had never fully recovered although he had been able to be about for some time until Monday, when he was stricken with heart trouble from which he did not rally. He had been in agricultural and florist business in Little Compton. His brother, W. A. Peckham is engaged in the nursery business there.

Maria Manning.

Maria Manning, whose remarkable memory of her ninety-one years of life in Salem, Mass., proved the basis for information contained in many antiquarian works, died December 25. She was a daughter of Robert Manning, a famous pomologist, and a sister of the late secretary of the Mass. Horticultural Society.

Cornelius Leonard McGuinness.

Cornelius Leonard McGuinness, book-keeper for George C. Siebrecht, 109 West 28th street, New York City, died at his home in that city of pneumonia on Tuesday, December 18, after an illness of three days.

THE LATE ROBERT RUST

Robert Rust, superintendent at "Courtland," the estate of Mrs. Courtland Happin at Pomfret Center, Conn., died suddenly at his home on Saturday night, Dec. 15, of cerebro hemorrhage. The deceased was 46 years of age. He was the eldest son of the late David Rust of Warhill, Aberdeenshire, Scotland. He served his apprenticeship with his father at Warhill, also for some years at Balgownie and Pitcaple, Aberdeenshire, and at Fiske House, Kincardineshire, Scotland.

He came to America in March, 1892, and for a few years worked at Newport, R. I., and Brookline, Mass., and for two years on Miss E. J. Clark's estate in Pomfret, Conn. In 1898 he took charge of Courtlands, transferring a wood lot into one of the most beautiful spots in the country.

He was married in Boston in October, 1895, to Isabella Barron, oldest daughter of George Barron of Tillyfarr, Methlick, Aberdeenshire, Scotland. He is survived by his wife, five daughters and three sons. He was one of many gardeners of that name, having three uncles, two cousins and six brothers, all gardeners. Mr. Rust was highly esteemed in Pomfret and Putnam where he had a large number of friends. The funeral service was held in the Episcopal church in Pomfret and a masonic service in Pomfret cemetery, a large delegation of gardeners from Boston and vicinity attending.

JAMES METHVEN.

F. T. D. RESULTS AT CHRISTMAS

Editor HORTICULTURE

The Florists' Telegram F. T. D. service this Christmas has been so gratifying that I feel that it would be doing the Association an injury if we should not give the results obtained publicity.

In many instances numerous orders were sent to the same city, an evidence of the fact that the F. T. D. is getting wonderful results for the florists throughout the country.

We do not claim this as a record breaker, but we do claim that it is wonderful results for a town the size of Houston—approximately 100,000 people—located in an almost southern point.

This business was stimulated through consistent advertising, which our concern has adopted, and is just the beginning of results that every florist will obtain if we pursue our National Advertising Campaign for a period of one year. The florist that fails to get business through the F. T. D. system is entirely to blame, and not the system.

Our general Christmas trade was the greatest in the history of our twenty years' business which is also very gratifying, considering the unsettled state of affairs, and this we attribute to consistent advertising.

Following is the list of towns to which we sent orders for Christmas through Florists' Telegraph Delivery Association:

San Antonio Texas; Chicago, Ill.; Dallas, Texas; Dayton, Ohio; Philadelphia, Pa.; Minneapolis, Minn.; Pontiac, Ill.; Louisville, Ky.; Fort Worth, Texas; Tulsa, Okla.; Detroit, Mich.; Montgomery, Ala.; St. Louis, Mo.; New York, N. Y.; Danville, Ill.; Brooklyn, N. Y.; Paris, Texas; Piqua, Ohio; Marietta, Ga.; Cleveland, Ohio; Madison, Wis.; Tuscaloosa, Ala.; Kansas City, Mo.; Rochester, Minn.; Bloomington Ill.; Providence, R. I.; Rockford, Ill.; Toledo, Ohio; Atlanta, Ga.; Kalamazoo, Mich.; Aurora, Ill.; Council Bluffs, Iowa; Los Angeles, Calif.; Waco, Texas.

I am not writing this to boost the



SEEDS BULBS FERTILIZERS SUNDRIES

YOU ought to have our Retail and Florists' Special List. If you have not, write for one issued in January.

FOTTLER, FISKE, RAWSON CO., THE SEED STORE BOSTON
Faneuil Hall Square

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

Florists' Telegraph Delivery, nor the Advertising Campaign, but these are facts, as shown by our records, and I thought in justice to the F. T. D. and the Publicity Campaign, I should give this matter publicity.

Yours respectfully,

KERR, the Florist.

Houston, Tex.

EDWARD A. FLOOD.

One of our many brave boys now at the front and hustling into uniform at the bugle call six a. m. He is well known in New York and Phila, having



EDWARD A. FLOOD

Medical Corps, Fort Oglethorpe, Ga.

been assistant to his father, manager of the Eastern offices of the Johnston Brokerage Co., which does a worldwide business in window and greenhouse glass.

FOR THE FLORISTS
A most complete stock of Seasonable Seeds
FOR THE FLORISTS
For immediate use or future delivery. Ask for quotations.
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Fertilized Sheep or Cattle Manure, Clay & Thompson's, Dried Blood
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Insecticides, Spraying Implements, Small Tools, etc.

FOR THE FLORISTS
Insecticides, Spraying Implements, Small Tools, etc.

YOU ought to have our Retail and Florists' Special List. If you have not, write for one issued in January.

FOTTLER, FISKE, RAWSON CO., THE SEED STORE BOSTON
Faneuil Hall Square

CATALOGUES RECEIVED.

Watkins & Simpson London England.—Foreign and Colonial Wholesale Catalogue of Vegetable and Flower Seeds for 1918. This is a 94-page catalogue bound in heavy covers with gold embossed lettering, handsomely illustrated, with sixteen pages of novelties, and altogether suggesting "Business as Usual."

A. E. Kunderd, Goshen, Ind.—Kunderd's Gladiolus, 1918. A 50-page catalogue. This is a remarkable list in that it is exclusively of Mr. Kunderd's own productions and all gladiolusdom knows that this includes some of the very finest varieties ever raised. We have only to mention such gems as Mrs. Frank Pendleton, Mrs. Dr. Norton, Myrtle, and Kunderd's Glory in evidence. This new catalogue lists for the first time many novelties in the Ruffled and Primulinus Hybrid classes and is richly illustrated with 22 beautiful plates. Mr. Kunderd is to be congratulated on the pretty and expressive name he has chosen for his seedlings.

MICHELL'S New Crop FLOWER SEEDS

FOR FLORISTS

WHOLESALE PRICE LIST

It is a complete list of Seasonable Bulbs, Plant Specialties and Sundries. Send for a copy today.

HENRY F. MICHELL CO.

518 Market St., PHILA., PA.

LILIUM GIGANTEUM

7 9 (300 per case)..... \$55.00 per thousand
8 10 (225 per case)..... 80.00 " "
9 10 (200 per case)..... 100.00 " "

Complete List of Florists' Choice Seeds. A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.

1004 Lincoln Bldg., PHILADELPHIA, PA.

GLADIOLI

IMMEDIATE SHIPMENT

Per 100 Per 1000

PANAMA, top roots... \$5.00 \$45.00

AMERICA, " " 3.00 25.00

Write for Prices on Other Varieties

Arthur T. Boddington Co., Inc.

128 Chambers St., New York City

BULBS

Per 1000

First Size Named Hyacinths,
single and double, all colors. \$25.00
Single Early Tulips, mixed
and separate colors. 5.00
Narcissus of various varieties. 5.00
Mixed Darwin Tulips. 6.00
Mixed Crocus. 2.00

LET US KNOW YOUR WANTS

J. M. THORBURN & CO.

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KELWAY & SON

SPECIALIZE IN

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(personally selected strains)

WHOLESALE ONLYWrite for Special Prices, Spot or
Forward

Only Address, LANGPORT, Eng.

Paper White Narcissus
Lilium Candidum
Amaryllis, Callas
Cold Storage Lilies

Write us for price

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ROMAN J. IRWIN

108 West 28th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengeri—1000 Seeds, \$1.00.
Salvia Bonfire— $\frac{1}{4}$ oz., 50c.; 1 oz., \$2.00.
Salvia Zurich— $\frac{1}{4}$ oz., 75c.; 1 oz., \$4.00.
Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White
—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.
Snapdragon, Petunias, Verbenas, etc.

SEND FOR CATALOGUE.

J. BOLGIANO & SON

Careful Seed Growers For
99 Years

Send for Our 1917 Wholesale Prices
To Florists and Market Gardeners
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PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

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SPECIAL OFFER**NARCISSUS PAPER WHITE GRANDIFLORA**

13 to 15 cts. 1250 to case.....\$14.00 per 1000 \$17.00 per case
14 ctm., 1000 to case..... 16.00 per 1000 16.00 per case

WHITE ROMAN HYACINTHS

13x15 ctm.....\$5.00 per 100 \$50.00 per 1000
15 ctm. and up..... 7.00 per 100 65.00 per 1000

FREESIA PURITY

First size\$10.00 per 1000

CALLAS

Medium size\$10.00 per 100 Mammoth size.....\$15.00 per 100

STUMPP & WALTER CO., - Seedsman

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**Paper White
Narcissi**

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PIN MONEY

8 lbs. for \$1.00

Treatise — How to Grow Them
Included

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Improved styles in Implements.
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BEET, CARROT, PARSNIP, RADISH and
GARDEN PEA SEED in variety; also other
items of the short crop of this past season,
as well as a full line of Garden Seeds, will
be quoted you upon application to

S. D. WOODRUFF & SONS

82 Dey St., NEW YORK and ORANGE, CONN.

LILIUM GIGANTEUM*New Crop Now On Hand*

For immediate or future delivery
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JOSEPH BRECK & SONS' CORP.

47-54 North Market St., Boston, Mass.

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SEEDS, PLANTS AND BULBS
Horticultural Sundries

166 W. 23rd St., NEW YORK

ALEX. McCONNELL611 FIFTH AVENUE
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Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cost of Packing Foreign Florists Must be prepaid

Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.



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Transfer Your Orders to

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Deliver orders from any part of the country to

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Write or Telegraph

2139-2141 Broadway, New York
Telephone 1555-1556 Columbus

KOTTMILLER, Florist

426 Madison Ave. and 49th St., New York. Also Vanderbilt Ho

Telephone, Murray Hill 783

Out-of-town Orders Solicited. Location Central. Personal Attention.

Member F. T. D. Asso.

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32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

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38 Dorrance Street

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**Of Interest to Retail
Florists****NEW FLOWER STORES.**

New Bedford, Mass. Peter Murray, Winslow bldg.

Portage, Wis. Miss Dorothea Selbach, succeeding Mrs. L. R. Nashold, West Cook street.

Des Moines, Ia.—Beaver Avenue Floral Co., Shops Bldg., succeeding Shops Florists.

BUSINESS TROUBLES.

L. J. Schlomer, proprietor of the Oakley Flower Shop, Cincinnati, who made an assignment a few weeks ago, has filed a voluntary petition in bankruptcy.

Chicago, Ill.—Charles Fahrenkrug, florist and nurseryman, 4307 North Francisco street, voluntary petition in bankruptcy assets, \$5,367.35, liabilities, \$24,111.40.

NEWS NOTES.

Baltimore, Md.—Robert Halliday has been installed as manager for I. H. Moss, Inc.

Harrisburg, Pa.—The State Department of Agriculture has issued a warning against unlicensed salesmen for nurseries who are alleged to be selling uninspected stock in this State. The law of 1917 requires all salesmen and nurseries to be licensed.

**IN THE
National Capital**

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

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Connecticut Ave. and L St.
WASHINGTON, D. C.

Established 1874

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N. E. Cor. 44 St. & Madison Avenue, N. Y. City
(Member Florists' Telegraph Delivery Asso.)

Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address. Dardsflor.

We should all strictly adhere to the request of the United States Food Administration.

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CERTIFIED PUBLIC ACCOUNTANT**

Simple methods of correct accounting especially adapted for florists' use.
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**Artistic Designs . . .
High Grade Cut Blooms**

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WILLIAM J.**SMYTH**Member Florists' Telegraph
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Service**THOS. F. GALVIN**
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NEW YORK 561 Fifth Ave.
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BOSTON 1 Park Street
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Deliveries to Steamers and all Eastern Ports**CLEVELAND**
A. GRAHAM & SON
5523 Euclid Ave.Will take good care of your orders
Members of F. T. D. Association.Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
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1896 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.**THE SMITH & FETTERS CO.**
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CLEVELAND, OHIO
Flowers of Every Kind in Season**HESS & SWOBODA**
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Telephones 1501 and L 1532.
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OMAHA, NEB.**Rochester, N. Y.**
J. B. KELLER SONS,
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Rochester Phone 506. Long Dist. Bell Phone 278;
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440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
Stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.**HIGH GRADE PLANTS**
For Retail Stores a Specialty
ASK FOR LIST**THOMAS ROLAND, Nahant, Mass.****WORCESTER, MASS.**
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Mention Florists' Telegraph Association**Flowers by Telegraph**Leading Retail Florists Listed by
Towns for Ready Reference. Orders
transferred by telegram or otherwise
to any of the firms whose address is
here given will be promptly and prop-
erly filled and delivered.Albany, N. Y.—H. G. Byres, 106 State St.
Albany, N. Y.—The Rosery, 23 Steuben St.
Bangor, Me.—Adam Sekenger, 32 New-
bury St.Boston—Thos. F. Galvin, 1 Park St.
Boston—Penn the Florist, 124 Tremont St.
Buffalo, N. Y.—S. A. Anderson, 440 Main
St.Buffalo, N. Y.—Palmer's, 304 Main St.
Chicago—William J. Smyth, Michigan
Ave. and 31st St.Cleveland, O.—J. M. Gasser Co., Euclid
Ave.Cleveland, O.—Adam Graham & Sons,
5523 Euclid Ave.Cleveland, O.—Knoble Bros., 1836 W. 25th
St.Cleveland, O.—The Smith & Feters Co.,
735 Euclid Ave.**Say It With
Flowers**Denver, Col.—Park Floral Co., 1643
Broadway.Detroit, Mich.—J. Breitmeyer's Sons,
corner Broadway and Gratiot Ave.Houston, Tex.—Kerr, The Florist.
Kansas City, Mo.—Samuel Murray, 1017
Grand Ave.Los Angeles, Calif.—Howard & Smith,
853 So. Olive St.New York—David Clarke's Sons, 2139-
2141 Broadway.

New York—Alex. McConnell, 611 5th Ave.

New York—Young & Nugent, 42 W. 28th.

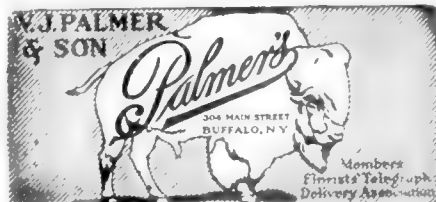
New York—A. T. Bunyard, 413 Madison
Ave., at 48th St.New York—Dards, N. E. corner 44th St.
and Madison Ave.New York—G. E. M. Stumpp, 701 Fifth
Ave.New York—Thos. F. Galvin, Fifth Ave.,
at 46th St.New York—Kottmiller, 426 Madison Ave.
and 49th St., also Vanderbilt Hotel.Omaha, Neb.—Hess & Swoboda, 1415
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Clinton Ave., N.St. Louis, Mo.—Fred C. Weber, 4326-28
Olive St.St. Paul, Minn.—Holm & Olson, Inc.
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son Co.Toronto, Can.—J. H. Dunlop, 8-10 West
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St.Washington, D. C.—George H. Cooke,
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The Best Service
Our Business is Growing
Member Florists Telegraph Delivery.**ST. LOUIS, MO.****FRED C. WEBER**
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**The Far-Famed Flowers of
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any occasion, in any part of the Dominion.**JOHN H. DUNLOP**
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Flowers or Design WorkDELIVERED IN ALBANY AND VICINITY
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106 STATE STREET, ALBANY, N. Y.**"THE HOME OF FLOWERS"**The largest cut flower store in America.
Orders for the TWIN CITIES and for all
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Orchids - Cypripedium
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Just remember that we are Headquarters for them
and we can supply you with good stock.

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Bell Phone Spruce 889

OUR SPECIALTIES

ROSES, GARDENIAS, ORCHIDS, PLUMOSUS,
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Special for New Year, RICHMOND ROSES

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1619 - 21 Ramstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
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Wired Toothpicks

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10,000...\$2.00. 50,000...\$8.75. Sample free.
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Supply of Best Cut Flowers all the Year Around
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If interested, send us your name and address for our weekly price list

IF you want anything from Boston get
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We are on the job at all hours of the day, from 6 A. M. to 7 P. M.

We carry the largest line of Supplies in New England and also the best flow-
ers from over one hundred of the leading growers in New England. You can al-
ways Depend for SERVICE, PRICE AND QUALITY.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

N Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON		ST. LOUIS		PHILA.	
	Jan. 3		Dec. 31		Dec. 31	
Roses						
Am. Beauty, Special	25.00	to 35.00	60.00	to 75.00	50.00	to 60.00
" " Fancy and Extra	10.00	to 20.00	40.00	to 50.00	20.00	to 40.00
" " No. 1 and culls	4.00	to 8.00	12.00	to 20.00	6.00	to 20.00
Russell, Euler, Mock	2.00	to 20.00	10.00	to 30.00	4.00	to 30.00
Hadley	2.00	to 25.00	10.00	to 15.00	6.00	to 25.00
Arenberg, Hoosier Beauty	2.00	to 12.00			3.00	to 15.00
Ward	2.00	to 8.00	4.00	to 8.00	4.00	to 8.00
Killarney, Radiance, Taft	2.00	to 8.00	8.00	to 12.00	3.00	to 15.00
Ophelia, Sunburst, Hillingdon	2.00	to 12.00			8.00	to 12.00
Caranations	2.00	to 3.00			4.00	to 6.00
Cattleyas	35.00	to 50.00			75.00	to 60.00
Dendrobium formosum		to 50.00				to 60.00
Lilies, Longiflorum	8.00	to 12.00	12.50	to 15.00		to 10.00
Lilies, Speciosum	6.00	to 8.00			3.00	to 6.00
Callas	12.50	to 16.00	10.00	to 12.00	12.50	to 15.00
Lily of the Valley	6.00	to 8.00	8.00	to 12.00	5.00	to 10.00
Snopdragon	6.00	to 10.00			4.00	to 16.00
Bouvardia	2.00	to 3.00			3.00	to 4.00
Violets	.75	to 1.00			2.00	to 1.25
Freesia					4.00	to 6.00
Narcis, Paper White	1.00	to 3.00			5.00	to 3.00
Roman Hyacinths	2.00	to 4.00				to 4.00
Stevia	1.00	to 1.50			2.00	to 2.00
Calendula						to 4.00
Mignonette					3.00	to 5.00
Sweet Peas	2.00	to 3.00	1.50	to 2.00	.75	to 3.00
Marguerites	2.00	to 4.00			1.00	to 2.00
Gardenias	20.00	to 35.00				to 35.00
Adiantum	1.00	to 1.25	1.00	to 1.00	.75	to 1.00
Smilax	12.00	to 16.00	12.00	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Sprea. (100 Bchs.)	30.00	to 50.00	30.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Flower Market Reports

The flower market here **BOSTON** has had another bad relapse and at present time is in an almost moribund condition. Prices have taken a big drop on all the specialties that made any advance for the holidays and there is very little sale for them at that. To say that the growers and wholesale dealers feel dejected is putting it mildly for the extreme cold has continued unabated and the consumption of coal is about double the normal requirements. Last year was the first in which New Year's Day was observed as a holiday in Massachusetts. This has been a serious blow to the florist trade for that occasion. In former years the business man on the way to his office would drop in and send a floral greeting to his friends but now he is out of it almost entirely. It will take careful nursing to make New Year's Day a floral holiday in Boston.

The closing week of the **CHICAGO** year, with the moderating of the weather was favorable to the florist trade, for it increased the supply of flowers a hundred per cent and added to the list of customers. Stock was much more plentiful than had seemed possible, but the customers came also, consequently there were less flowers left in the ice boxes than often occurs after a holiday. Incoming stock caused some slump in the market but it was not a serious one. Prices for the week have been steadier on carnations than on roses. The first daffodils came two weeks ago and they were grown locally and while the demand could not be called strong, they sold for six cents. Paper white narcissi are here in quantity. Violets, lily of the valley, snapdragons, calendulas, lilies, etc., go to make variety but the great bulk of supply consists of roses and carnations. Wholesale trade was very quiet on the last day of the year. With the retailer there were baskets and window boxes still in stock to make a good showing and he was inclined to go slow on stocking up with flowers to more than meet the demand of the hour.

Christmas week's business was rather slow. The early New Year's business secured followed the same line but at the close of the New Year's business a strong demand developed and this bought up all the stock that was at all good. The supply though only fair is sufficient to take care of all immediate wants. Roses are fairly plentiful. Carnations and lilies are in a good supply. Yellow and paper white narcissus are in



LILAC

The first cuts are now reaching us. Unusually choice quality, large well-grown heads.

\$1.50 and \$2 per bunch

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THE Wholesale Florists of **PHILADELPHIA**

NEW YORK 117 W. 28th St. PHILADELPHIA 1608-1620 Ludlow St.
BALTIMORE Franklin & St. Paul Sts. WASHINGTON 1216 H St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Dec. 3	CHICAGO Dec. 31	BUFFALO Dec. 31	PITTSBURG Jan. 2
Roses				
Am. Beauty, Special	50.00 to 75.00	30.00 to 40.00	40.00 to 50.00	40.00 to 60.00
" " Fancy and Extra	30.00 to 40.00	20.00 to 30.00	30.00 to 40.00	25.00 to 35.00
" " No. 1 and culls	8.00 to 15.00	10.00 to 20.00	3.00 to 15.00	12.00 to 20.00
Russell, Euler, Mock	8.00 to 15.00	5.00 to 25.00	4.00 to 10.00	8.00 to 15.00
Hadley	8.00 to 15.00	4.00 to 8.00	4.00 to 8.00	..... to
Arenberg, Hoosier Beauty	6.00 to 15.00	4.00 to 8.00	6.00 to 12.00	..... to
Ward	6.00 to 10.00	3.00 to 10.00	3.00 to 5.00	6.00 to 12.00
Killarney, Radiance, Taft	4.00 to 10.00	3.00 to 8.00	3.00 to 8.00	4.00 to 12.00
Ophelia, Sunburst, Hillingdon	6.00 to 15.00	3.00 to 8.00	4.00 to 12.00	4.00 to 12.00
Carnations	4.00 to 6.00	2.00 to 4.00	3.00 to 5.00	3.00 to 5.00
Cattleyas	..... to 75.00	50.00 to 75.00	60.00 to 75.00	60.00 to 75.00
Dendrobium formosum	..... to	50.00 to 75.00	..... to .....	..... to
Lilies, Longiflorum	..... to 12.50	10.00 to 12.00	8.00 to 10.00	10.00 to 12.00
Lilies, Speciosum	..... to .....	..... to	4.00 to 6.00	..... to
Callas	8.00 to 10.00	12.00 to 15.00	..... to .....	..... to
Lily of the Valley	8.00 to 10.00	5.00 to 6.00	8.00 to .....	..... to
Snapdragon	4.00 to 6.00	4.00 to 6.00	3.00 to 5.00	4.00 to 8.00
Bouvardia	..... to	5.00 to 6.00	..... to .....	..... to
Violets	1.50 to 2.00	1.00 to 1.50	..... to	1.00 to 1.25
Freesia	4.00 to 6.00	3.00 to 4.00	..... to .....	..... to
Narciss. Paper White	..... to 4.00	2.00 to 3.00	3.00 to 4.00	3.00 to 5.00
Roman Hyacinths	3.00 to 5.00	2.00 to 3.00	3.00 to 4.00	3.00 to 5.00
Stevia	1.50 to 2.00	2.00 to 3.00	3.00 to 5.00	1.50 to 2.00
Calendula	3.00 to 4.00	2.00 to 3.00	..... to	3.00 to 4.00
Mignonette	..... to .....	..... to	1.25 to 1.50	3.00 to 6.00
Sweet Peas	1.00 to 1.50	2.00 to 3.00	.75 to 1.25	1.00 to 4.00
Marguerites	..... to 1.00	..... to	1.00 to 1.50	2.00 to 4.00
Gardenias	..... to .....	..... to .....	..... to .....	..... to
Adiantum	..... to 1.00	..... to 1.00	1.00 to 1.25	1.00 to 1.25
Smilax	..... to 15.00	15.00 to 20.00	15.00 to 20.00	15.00 to 20.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00 to 35.00	25.00 to 50.00	35.00 to 50.00	35.00 to 50.00

a heavy supply. Sweet peas and free-sias have been finding a good market. Single violets selling well. There is a fair supply of usual variety of mid-winter flowers.

The Christmas flower **CLEVELAND** business in Cleveland was good. The wholesale market was well cleaned up. Supplies, according to some, sold better than last year, and business on the whole was as good as last year. After-Christmas business continued in

fair volume and this together with the pronounced scarcity of flowers keeps the wholesalers well cleaned up.

A final reckoning up **NEW YORK** of the Christmas business shows that on the whole the volume of business was fairly large even if prices were not up to former years. The trade generally is cheerful over the situation for after the indifferent business during all of December Christmas seemed good by comparison and the handicaps of de-

(Continued on page 19)

H. BAYERSDORFER & CO. Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Fall Novelties [Now On Display

New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

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Wholesale Commission Florist
Choice Cut Flowers

New Address, 148 West 28th St., NEW YORK
Telephones: 2100, 2101, Madison Square.

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107 W. 28th Street, NEW YORK

Telephone 5335, Farragut

Call and inspect the Best Establishment
in the Wholesale Flower District

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Consignments Solicited

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Cut Flowers—Home Grown Asparagus

BUY OR SELL, CASH

55-57 West 26th Street

NEW YORK

RIEDEL & MEYER, Inc.

Wholesale Commission

READY FOR BUSINESS

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THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.

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Brooklyn's Foremost and Best

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18 Willoughby St., Brooklyn, N. Y.

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121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
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A full line of Choice Cut Flower Stock for all purposes.

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SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

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55 and 57 W. 26th Street, - - NEW YORK

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ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3864 and 8364 Madison Square

57 WEST 26th STREET

A GOLD MEDAL is not expected by us for doing our duty by our consignors and customers
We have 22 years' experience behind us

FANCY GRADE ORCHIDS, SEPTEMBER MOON, AMERICAN BEAUTY, PRIMA
DONNA AND ALL OTHER ROSES, LILIES, CARNATIONS, VIOLETS,
ASPARAGUS AND SMILAX and all other Seasonable Flowers.

GUTTMAN & RAYNOR, Inc., Wholesale Florists

Phones: Farragut 558, 2036 and 2037

111 West 28th Street, NEW YORK

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending Dec. 29 1917		First Part of Week beginning Dec. 31 1917	
American Beauty, Special	40.00	to 60.00	40.00	to 60.00
" " Fancy and Extra	25.00	to 30.00	25.00	to 30.00
" " No. 1 and culls.	4.00	to 15.00	4.00	to 15.00
Russell, Euler, Mock	3.00	to 25.00	3.00	to 25.00
Hadley	4.00	to 4.00	4.00	to 4.00
Arenberg, Hoosier Beauty	2.00	to 15.00	3.00	to 15.00
Ward	2.00	to 15.00	2.00	to 15.00
Killarney, Radiance, Taft	2.00	to 15.00	2.00	to 15.00
Ophelia, Sunburst, Hillingdon	2.00	to 20.00	2.00	to 20.00
Key	2.00	to 20.00	2.00	to 20.00
Carnations	2.00	to 4.00	2.00	to 4.00

**GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS**

129 West 28th Street

Tel. 8237 3563 Farragut

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

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Telephone—3532-3533 Madison Square

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TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

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Consignments Solicited

JOSEPH S. FENRICH

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LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 684.

NEW YORK.

Flower Market Reports

(Continued from page 17)

fective transportation and zero weather had made the outlook far from promising. Since Christmas there has been the usual lull with fortunately a moderate or, in some lines, very light supply coming in. The worst feature was the very considerable stock left over from the Christmas supply and this has been a grievous burden for the wholesale trade, being largely of a class of material difficult to unload on the surplus-consuming trade and the continued cold restricting the opportunities for such traders. The supplies consisted largely, of course, of paper white narcissi, white carnations, white roses, etc., in all grades, but there was a considerable quantity of the large, high-priced roses, including American Beauties, which in previous years have led the market but this year did not do nearly as well as heretofore. Medium priced roses had the call, most decidedly and in the special grades Hadley went far ahead of all the rest in popularity. Some very good Russells were in the market but they were not in keen demand. There were many complaints of the poor durability of the carnations this year. Since Christmas values have sagged on the entire list and there was not enough activity in the New Year's demand to strengthen the tone of the market. Despite the unfavorable weather conditions the receipts for this once great floral holiday were far beyond the requirements and at present writing there is a big supply of holdover stock including all the standard varieties as a long list of miscellaneous things of every form and hue.

After-Christmas PHILADELPHIA trade is rather slow. The weather is against it and lots of stock is left over in the hands of the retailers. The cold snap on Saturday and Sunday hurt. A few complaints have been received as to express delays. Not much extra business came in for New Years. American Beauty roses are not plentiful and have sold pretty well. Russells have sold well and are very fine; Killarneys rather slow. Carnations are moving in fair shape at low prices. Values went down quicker this year than ever before. There are good cattleyas and cypripediums but prices are low. Cypripediums are not selling as well this year as last. Most of the violet shipments have been delayed coming in but there was good demand.

Reports from ROCHESTER, N. H. the flower stores indicate a decided dropping off of Christmas business from that of a year ago. Express shipments were terribly late and several had to be cut out entirely. Cut flowers were exceptionally good and moved nicely, holiday prices prevailing. Roses had a big demand and at the last minute were not plentiful enough to supply the stores. Beauty, Scott Key and Milady sold particularly well. A few chrysanthemums are still in but they are overripe. Violets were very fine and sold well. Paper White narcissus are plentiful.

HENRY M. ROBINSON CO. OF NEW YORK WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 13-8510 Madison Square

MAURICE L. GLASS, Treasurer

Consignments Solicited

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St. NEW YORK TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Dec. 29 1917		First Part of Week beginning Dec. 31 1917	
Cattleyas.....	35.00	to 50.00	45.00	to 50.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	6.00	to 8.00	6.00	to 8.00
Lilies, Speciosum.....	4.00	to 8.00	4.00	to 8.00
Callas.....	15.00	to 16.00	15.00	to 16.00
Lily of the Valley.....	1.00	to 8.00	3.00	to 8.00
Snadragon.....	2.00	to 8.00	2.00	to 8.00
Bouvardia.....	2.00	to 3.00	2.00	to 3.00
Violets.....	.60	to .75	.60	to .75
Freessias.....	2.00	to 3.00	2.00	to 3.00
Narcis, Paper White.....	1.00	to 2.00	1.00	to 2.00
Roman Hyacinths.....	2.00	to 3.00	1.00	to 3.00
Stevia.....	.75	to 1.00	.75	to 1.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	3.00	to 4.00	3.00	to 4.00
Sweet Peas.....	2.50	to 3.00	2.00	to 3.00
Marguerites.....	2.00	to 3.00	2.00	to 3.00
Gardenias.....	15.00	to 50.00	15.00	to 50.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	15.00	to 20.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientage of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

5 So. Mole St., PHILADELPHIA, PA.

SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Consign your flowers to me. I can sell them to your satisfaction.

CLARENCE SLINN, 112 W. 28 St.
NEW YORK

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

Many orchids have been touched by the frost lately in transit. Carnations are becoming a trifle more plentiful but still very backward. Sweet peas are showing themselves in small quantities. The potted plant trade has been good.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

B. S. SLINN, Jr.

55 and 57 W. 26th Street. NEW YORK

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our
Antal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Cut Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Est. 1765

Pot Makers for a
Century and a Half**HEWS****STRONG
RED
POROUS****POTS**

Inc. 1904

World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****BOSTON.**

James W. Shannon, of Woburn, was married last week to Miss Florence I. Switzer, also of Woburn.

The flower store of B. Tashjian at 2208 Washington street was burned out on Thursday night, Dec. 27.

The retail store of the North Union Florist on Portland street was deluged with water during a fire in the Heywood Building in which it is located. The loss is estimated at from \$500 to \$800.

Peter Fisher, whose two sons are in the service, tells an interesting experience of one of them, Nelson Fisher, in France, where he found in the establishment of a small florist whom he visited the Mrs. Patten carnation being grown.

Ladies' night will be observed by the Gardeners' and Florists' Club of Boston on Tuesday evening, January 15. The program includes the installation of officers and a stereopticon lecture by J. Otto Thilow of Dreer's, Philadelphia.

Guests at the January meeting of the Horticultural Club of Boston were Wm. N. Craig and F. E. Palmer of Brookline. The table was decorated with a superb display of thirty new varieties of carnations including the Dorner novelties under test, by S. J. Goddard and a lovely vase of the graceful and fragrant *Buddleia asiatica* by J. K. M. L. Farquhar.

The local committee on arrangements for the meeting and exhibition of the American Carnation Society in this city on January 30 and 31 held a meeting at the Parker House on January 2 and all matters connected with the reception and entertainment of visitors, etc., were completed. Local growers, while regretting the action of the Massachusetts Horticultural Society in withdrawing its promised cash prizes for this event do not think the change will make much difference to the carnation people. The flowers to be staged by Massachusetts growers promise to be the finest ever shown at an exhibition in this country.

The Back Bay Fens development, for which \$44,000 of Parkman Fund income was appropriated, will involve a complete change of landscape back of the Museum of Fine Arts. Two bridges are to be thrown over Muddy River, which itself will be wiled at this point to form a basin, and the

Huntington entrance to the Fens will be continued over the river to connect with Audubon road, near Jersey street. This great improvement, which is based on plans drawn by Park Commissioner J. K. M. L. Farquhar will cost about \$200,000 to complete. It will connect in a dignified and impressive manner the stately architecture of the new \$2,000,000 R. D. Evans wing of the Art Museum with the natural landscape planting of the Muddy River section and will form with the surrounding buildings one of the most imposing features of the entire park system.

CLEVELAND

The Westman & Getz floral shop at 5926 Euclid avenue was entered early Wednesday morning, December 26, by burglars, who opened the safe and got away with \$300. They entered by the rear door by removing a panel of the door and turning the key from the inside.

The transfer of the railroads to government control is expected to afford more transportation facilities than at present and to that degree will aid the florist business. People in touch with the coal situation say that a shortage such as has been experienced this winter will be entirely obviated in the future, by the great efficiency possible in the operation of the railroads. Embargoes should also be less severe than heretofore.

PHILADELPHIA

Stephen Mortensen, Southampton, Pa., was a recent visitor. He is well supplied with coal so is not worrying about the U. S. taking over the railroads. Crops have been a bit short in the rose growing line this year but he thinks maybe that was just as well under present conditions.

James Verner, Garrettsford, Pa., reports his coal supply pretty good but he is still looking for more. Roses have done very well this season.

ROCHESTER, N. Y.

Miss Lillian Wheeler formerly of the Edw. C. Kaelber Co., Inc., is with George T. Boucher for the holidays.

Harry Guernott, one of the drafted florists has been honorably discharged from the Army, having suffered a hard attack of pneumonia recently.

CHICAGO

W. W. Barnard started on December 22 for California to spend the winter there.

A. Miller, president of the American Bulb Co. says that his books show a better record of the year's business than he had anticipated.

At J. A. Budlong's, Philip Schupp states that while the business of the holiday season has been much better than expected, he found that customers were not after stock at extremely high prices.

Allan Humason, formerly salesman for A. A. Arnold Paper Box Co., and The Raedlein Basket Co. was drafted and is now with the infantry at Camp Grant, Rockford, Ill., where he has been promoted to the rank of sergeant-major.

The plant growers have had a good year and all holiday stock has been moved. Benches will now be given over to the mid-winter stock and the plants in preparation for Easter. Prices here held up to quotations, for all were sold before the holiday rush was on.

In the summaries of the year a local newspaper lists the wholesale cut flower business of Chicago as \$3,610,000 the same as last year. Commenting on this, some of the wholesalers are inclined to think that the estimate is too low, others that it is very nearly correct. There are about thirty wholesale cut flower houses in Chicago the greater part of the business being done, however, by about one-fourth of that number.

Mr. Deitz, representing the U. S. Department of Agriculture, called upon the Chicago growers a short time ago, investigating insect pests and warning growers how to guard against them. Two in particular which have proven troublesome in the Middle West are the chrysanthemum gall-fly and a new species of mealy bug. The chrysanthemum gall-fly has been known in California for several years and recently has been found in Michigan and Indiana. In buying stock, purchasers were warned to examine the young plants for dark green and red galls on leaves. The gall-fly multiplies so rapidly that stock would soon be ruined unless fumigated and picking off of leaves be practiced immediately. Information regarding the above and other injurious bugs is brought out in the 9th annual report of the State Entomologist of Indiana.



THE PFALTZGRAFF POTTERY CO., York, Pa.
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Nothing that you can do will compare with judicious advertising.

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If you wish to reach the responsible and desirable people in the Florist, Gardening, Seed and Nursery industries,

HORTICULTURE

can serve you well. This it has been doing for the past thirteen years, for wise advertisers.

Are you one of them?

If not, the New Year is a good time to begin.

**For
Bigger, Better
Business**

Flower Market Reports

Continued from page 20

Christmas, 1917, was a profitable one to the wholesaler. Prices were high and stock not over abundant. Holly was scarce at \$6 to \$11 a case. Mistletoe also very scarce. Retailers in general had a good supply in plants and pushed them, owing to high price of flowers. Trade between Christmas and New Year has been good. Severe weather influenced transient trade. Violets and sweet peas were scarce. The outlook is for a material increase in carnations and other stock generally.

ST. LOUIS.

Walter Young, of the firm of C. Young & Sons, came from the Aviation field at Omaha on a furlough to spend Christmas.

The local National Flower Show executive committee held a meeting on Dec. 29th at headquarters. J. J. Beneke was elected treasurer as well as secretary.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
Bulbs of all descriptions. Write for prices.
NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 post-paid. I. L. PILLSBURY, Galesburg, Ill.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

DAISIES

Daisies (Bellis) Monstrosa, white and pink, also Longfellow and Snowball. Thinly sown field-grown seedlings, \$2.50 per 1000, \$11.50 per 5000, cash.

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Does a Clean Job— Saves a Lot of Work

That's the story of "SCALECIDE," the premier dormant spray. It will absolutely clean up San Jose scale—will also control apple canker, collar rot, bud moth, case bearer, aphids, pear psylla, etc. No other spray will do all this. "SCALECIDE" can be put on in one-half the usual time—a great saving in labor and you get through on time. Pleasant to handle. **Sold on Money Back Basis.**

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Mfg Chemists
50 Church Street
Dept. 12 New York



Little Ads. That Bring Big Returns

Little Ads. in our Classified Buyers' Directory bring big returns to both advertiser and advertiser. Anything wanted by florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium. Don't fail to read over these Ads. in each issue and you may find one or more that will prove profitable to you.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

PANSY PLANTS

Pansy Plants, Strong and stocky. Strains unsurpassed by any for Size of Bloom or Colors. \$2.50 per 1000, \$11.50 per 5000. Cash. Satisfaction or your money back.

BRILL CELERY GARDENS,
Kalamazoo, Mich.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

Roses, Canas and Shrubs. THE CONARD & JONES COMPANY, West Grove, Pa.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURKELL, Summit, N. J.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.



Sold by Seed Dealers and Used in New England 35 Years

Hammond Insecticides used by Florists and Gardeners for generations, and before this our paint was used on Hot Houses because it did not wash off. Twinklow's Putty is unexcelled.

Send for Pamphlets or information regarding your needs.

HAMMOND'S PAINT & SLUG SHOT WORKS

Beacon, N. Y., U. S. A.

OUR PRODUCTS SOLD BY SEED DEALERS

Visitors' Register

Chicago—A. B. Barber, Cleveland, O.

Philadelphia—W. C. Priestly, Cleveland, O.; Carl Hagenburger, Mentor, O.; Alex Forbes, Newark, N. J.; J. W. Grandy, Norfolk, Va.

DAHLIA KING OF THE AUTUMN

Our cover illustration shows a new decorative dahlia which is being introduced in this country by R. Vincent, Jr., of White Marsh, Md. The long stems and graceful poise of the flowers show it to have excellent qualifications as a cut flower. The color is described as beautiful bronzy amber. The variety is of foreign origin.

USE WIZARD BRAND

CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
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Sheep Manure

The Florists' standard of uniform high quality for over ten years. Specify: WIZARD BRAND in your Supply House order, or write us direct for prices and freight rates.
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NIKOTEEN

For Spraying
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NICOTINE MFG. CO.
ST. LOUIS

IRON STEMMED CARNATIONS.

French horticulturists by selective breeding have succeeded in producing carnations with great, heavy heads and stems so thick and strong that they support the weight of the blossoms unassisted. The great difficulty with big carnations hitherto has been that the stems were too weak. —*Medina (N. Y.) Journal.*

We would respectfully submit that the *Medina Journal* brush up a bit on its flower information and then make another guess.

GREENHOUSES BUILDING OR CONTEMPLATED.

Dothan, Ala.—S. P. Poyner, one house.

Cromwell, Ct.—Louis Case, 100 ft. house, completed.

Algonac, Mich.—W. A. Petrequin, one house, completed.

Brookline, Mass.—Wm. Ellery, Fish-er avenue, Hitchings house.

Pawtucket, R. I.—Fred Davis, 745 Pleasant street, house 30 x 90.

NEW CORPORATIONS.

Chehalis, Wash.—Wesco Seed Company, capital stock, \$10,000. Incorporators, E. H. Thompson, H. W. and A. Whitacre.

NEWS NOTES.

Taunton, Mass.—Fire, early on the morning of December 26, gutted the building at 2 and 4 Main street, in which is located the store of Hall the florist. Most of the loss suffered by the latter was confined to the stock, which was considerably damaged by water.

Winchendon, Mass.—Fire which did damage estimated at about \$1000, broke out in the boiler room at Rhuland's greenhouses, Grove street, early on the morning of Dec. 27. The boiler was but slightly damaged, but many plants were frozen when the glass roof of one of the greenhouses was broken in many places, by cold water from the fire nozzles striking the hot panes. There are two boilers in the greenhouses, one a tubular, and one a sectional, and a few months ago one section of the sectional boiler blew out and did nearly \$100 damage.

LEMON OIL CO'S STANDARD'S SOLUBLE IN WATER INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Aunts, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

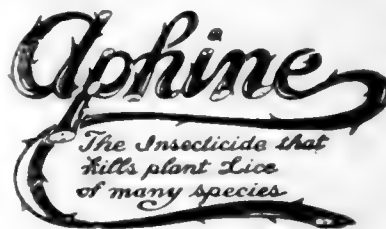
Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 20 to 50 parts.

½ Pint, 50c.; Pint, 50c.; Quart, 90c.; ½ Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. 2, 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide.

A spray remedy for green, black, white & thrips and soft scale.
Quart, \$1.00; Gallon, \$2.50.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.
Quart, \$1.00; Gallon, \$2.50.

VERMINE

For eel worms, angle worms and other worms working in the soil.
Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

Aphine Manufacturing Co.

MADISON, N. J.



Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,
Harry A. Bunyard, Mgr.

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106 Pearl St., New York

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KEEP SUMMER WITH YOU THE WHOLE YEAR ROUND

On account of their sturdy special construction which permits of great strength without the need of heavy shadow casting supports, these houses are so warm and sunny that they are filled with a riot of bloom and fruit when Jack Frost has stripped the garden of its beauty.

The ventilating and heating systems are the result of years of experience in building for professional growers. Things just have to grow in a King.

Ask us for any of the following: Catalogue showing Commercial Type Greenhouses, Catalogue showing Greenhouses for private estates, Catalogue showing Garden Frames and Sash for private estates.

KING CONSTRUCTION COMPANY, 28 King's Road, North Tonawanda, N. Y.

All the Sunlight. All Day Houses.

BRANCH OFFICES: New York, 1476 Broadway Boston, 113 State Street Scranton, 307 Irving Avenue
Philadelphia, Harrison Building, 15th and Market Streets



CYPRESS GREENHOUSE STOCK

PECKY CYPRESS STOCK

HOT BED SASH

Ask for Circular D and Prices

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NEPONSET, BOSTON

DREER'S "Riverton Special" Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$2.75	\$30.00	\$230.00
20	18 in.	2.25	24.00	190.00
30	16 in.	1.75	19.00	152.00
40	14 in.	1.50	17.00	135.00
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60	10 in.	.70	7.75	62.00
70	8 in.	.55	6.50	50.00

The Riverton Tub is sold exclusively by us, and is the best ever introduced. The neatest, lightest and cheapest. Painted green and bound with electric-welded hoops. The four largest sizes are equipped with drop handles.

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Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
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FULL
SIZE
No. 2

GLASS

AND
HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

PARSHELSKY BROS. Inc.

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IRON FRAME
PIPE FRAME
HOT BED SASH-GLASS
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We go anywhere in the U. S. to submit plans and prices

Metropolitan Material Co.
PATENTED GREENHOUSES

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Glazing

USE IT NOW

F.O. PIERCE CO.

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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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TO OUR FLORIST FRIENDS

We wish to extend our heartiest best wishes for a
Happy and Prosperous New Year.

We take this method of thanking each and every one of you for your many past kindnesses and sincerely hope for a continuance of your patronage.

Remember that we always take pleasure in co-operating with you in every possible manner—for we realize we succeed by your success.

ADVANCE CO., Richmond, Ind.

Manufacturers, Sash Operating Devices and Fittings for the Greenhouse

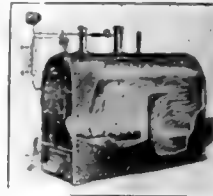


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THE New Standard Cyclopedia of Horticulture has been freshly written in the light of the most recent research and experience. It is the fullest, the newest, the most authoritative of all works of its kind and constitutes the most conscientious attempt that has ever been made to compress the whole story of our horticultural thought, learning and achievement into one set of books. It is both an Encyclopedia and a Manual.

A Few of the Many Important New Features

Key to Identification of Plants This is a device to enable one to find the name of a plant. The name thus found is quickly referred to under its alphabetical location, where full information will be found in regard to it.

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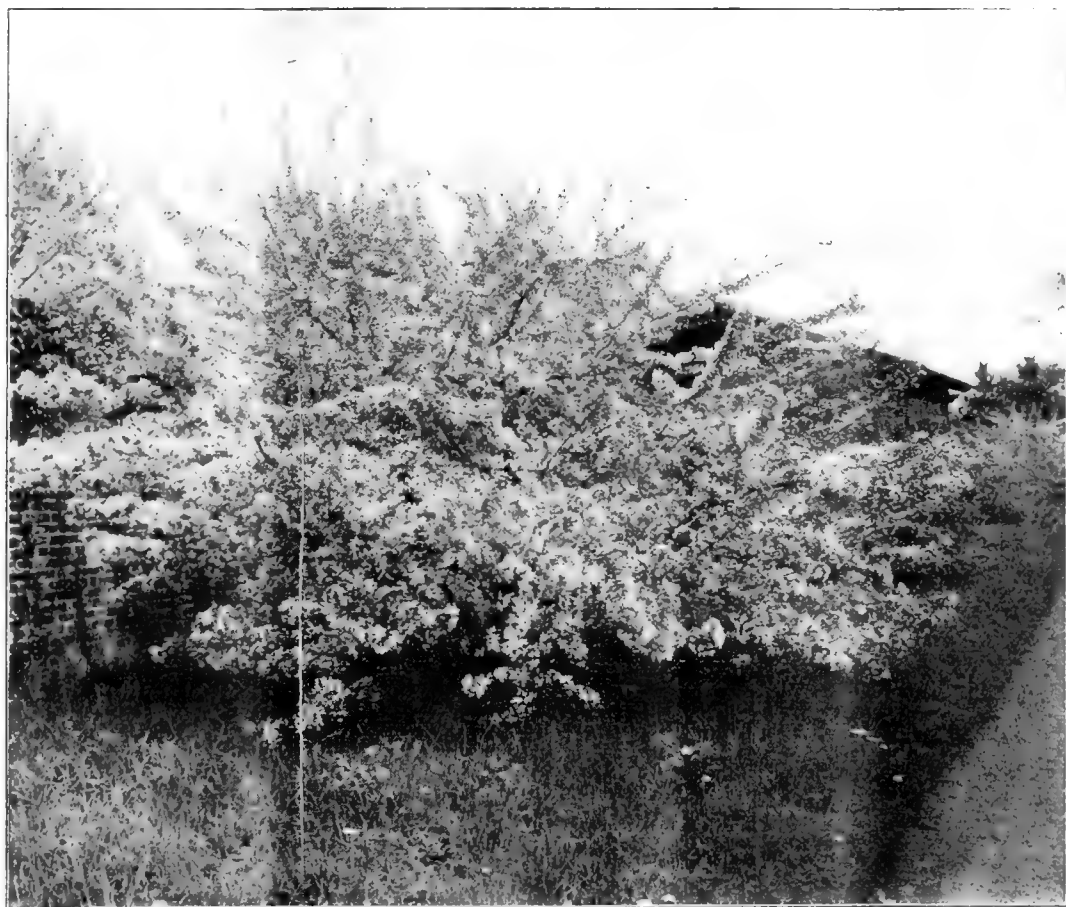
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Lecturer on Horticulture, Columbia University

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PROPOSED QUARANTINE AGAINST FOREIGN PLANT INTRODUCTIONS

Extracts From an Address Before a Meeting of Horticultural Inspectors by J. G. Sanders, at Harrisburg, Pa.

The American citizen, whether producer or consumer, undoubtedly pays the heaviest tax of any person in the entire world for destruction caused by insect pests and plant diseases. The principal contributing factor to this condition is the fact that we have permitted the importation to America of very many dangerous insects and plant diseases from foreign countries, which have been introduced by various methods and means, usually accidentally. We have maintained an open door for the unrestricted importation of plants in living condition from foreign countries, without adequate methods for inspection. Furthermore, the amount of plant importation has been so great and the quantity so large, that it is absolutely impossible for any corps of inspectors to adequately inspect this material for dangerous insects and plant diseases.

Too great dependence has been placed on foreign countries for a supply of plant material which could fully as well be produced in this country, and it seems just now the time has come when our American horticulturists should rise to the occasion, and produce those plants which have been imported from foreign countries, insofar as climate and cost permit.

The tremendous number of very serious and destructive insect pests and plant diseases that have already been introduced into America are slight compared with the potentialities still remaining in foreign countries that have not yet been introduced. As a matter of fact only a small percentage of the dangerous and destructive pests of foreign countries have gained a foothold in America, although under the present system of heavy introduction of plant material, large numbers of these pests are being annually imported and are becoming established. Every year we find several new pests which have been established at some previous date, and have multiplied to such an extent that they have been brought to the notice of scientists and trained observers.

Not only the producers, but surely the consumers as well, must in the final analysis pay for the tremendous losses which are incurred and the burden has now become so great that very general and powerful sentiment is growing among farmers and fruit

growers everywhere, that action of a drastic nature must be taken to prevent the further introduction of plant pests. If some step is not taken in the near future the aggregate damage from pests already introduced, and those which are sure of introduction under the present system will be overwhelming. We have had considerable agitation along the line of plant importation during the past few years, but no sufficiently drastic action has been taken to prevent the annual introduction of several new pests, which have very marked power for destruction. It does seem that the entire policy of plant importation is wrong, and should be altered at once. Genuine attempts have not been made on the part of horticulturists in this country to produce the stock which they now buy from Europe at much reduced figures. If we will consider the total value of the nursery stock, exclusive of bulbs, roots and tubers, each year, we find that it averages approximately a million and a quarter dollars annually through the past ten years. In fact, the average value for the past ten years has been one million two hundred thousand dollars, making a total of twelve million dollars of nursery stock imported through the past ten years. When we consider that the gipsy moth alone has cost the New England States approximately fourteen million dollars, since its introduction into America, for treatment and suppression, exclusive of the damage it has caused, can we say that the further importation of plants under the present arrangement is economic?

The elimination of other regions of the world, excepting Europe, would work to our advantage to a wonderful degree to lessening the danger of pest importation. Nevertheless in Europe there are very many dangerous and destructive pests attacking a wide range of commercial and ornamental plants, so that tremendous danger still lies in importation of any character from that region. About four years ago this body passed a resolution calling on the Federal Congress to prohibit the further importation of plants with earth about the roots. On account of the tremendous weight and mass of such material, which comes to America within a short period of two shipping seasons, it is absolutely impossible for even well-trained inspectors to thoroughly inspect such material. Unknown insects lie dormant, hidden away in the soil about the roots of plants—probably some which have no connection whatever with the plant being inspected, but have entered the soil for pupation and hibernation, having dropped or

crawled from other trees or plants in the vicinity, and have been accidentally taken up with the plants for importation.

In considering the possibilities of pest importation in soil about the roots of plants, we must bear in mind that the majority of plants brought in from Europe with balls of earth about the roots are dug late in the autumn, at a time when a majority of the insects have entered hibernating quarters, and as we all know the probability of finding our various well known insects in winter quarters in this country is slight, just so we should remember the possibility of finding imported insects in hibernating quarters in soil brought in with plants from Europe is slight. Therefore, we have several factors acting against the inspector and in favor of the probable introduction of pests, namely, the hibernating habits of the pests in the soil, and the fact that very large quantities of such material—even amounting to many tons, arrive oftentimes in single shipments, and the possibility of large shipments coming within a very short period of time, taxes the inspectors to the utmost. Those of us who have had much experience in inspecting foreign importations, especially large importations, can certify to the absolute impossibility of careful inspection of large shipments. The only wonder is that we have not introduced and established more insect pests and plant diseases than have already arrived.

CLOSING LARGE COUNTRY HOMES.

Following the example set by other millionaires, wealthy people owning estates in Dutchess county, New York, have closed their homes for the winter so as to assist in the conservation of coal. Vincent Astor's beautiful residence at Rhinebeck is closed while employees on the estate are burning wood for fuel in the place of coal. The Frederick W. Vanderbilt mansion, Hyde Park, is closed for the winter while Colonel Archibald Rogers, whose residence, "Crumwold Hall," in that village, has closed his greenhouses in order that coal may be saved. Levi P. Morton's estate, "Ellreslie," near Rhinebeck, is closed as are the Redmond mansion in Tivoli, the two Miller residences in Rhinebeck and Mrs. Morgan's place at Staatsburgh. Jacob Ruppert's mansion between Staatsburgh and Rhinebeck is also closed. The Stephen Olin place in Rhinebeck and four houses in Hyde Park—the James Roosevelt, the T. J. Newbold, the Roosevelt and the Howard place are also closed for the winter.

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A memorable week

The first week of 1918 has provided an abundant supply of anxiety and sensation for the horticultural people. With the wholesale cut flower establishments of the metropolis deprived of heat and water for days in succession, Chicago buried under a phenomenal snowfall, greenhouse ranges in many sections crushed or frozen up and contents annihilated for lack of fuel, flower shipments spoiled in transit and lily bulbs arriving in ruined condition after a prolonged transcontinental trip in zero weather, we have a most remarkable concatenation of untoward circumstances which certainly gives us sufficient cause to vividly remember this extraordinary period. The unprecedented term of severe cold could hardly have been planned with greater exactitude to catch the greenhouse industry in a helpless predicament.

Acting on the advice of the fuel administrator and, in many instances influenced further by their own judgment of the situation as regards fuel and the business outlook, not a few growers had already shut down sections of their establishments and still further reductions in operation were contemplated to follow the holiday cleanup and by this means the coal on hand had been variously estimated as sufficient to carry the reduced area through for a month or two. But the grievous arctic visitation knocked all such calculation in the head, paralyzing every source of supply, and thus most effectually compelling compliance with the injunction to materially reduce the flower product.

Damage widespread

The list of glass houses reported frozen up and crops destroyed during the past ten days is a lengthy one and includes not only small establishments which were the sole or principal means of support for their hard-working owners and their families, but many also of the big flower "factories" in which large capital is invested and considerable labor is employed. In consideration of the circumstances as they impress us we have hesitated about publishing a list of the names of these sufferers as news matter at the present time and have about come to the conclusion that the publication of such details of widespread misfortune would most likely only serve to aggravate the seriousness of the hardship in many cases. For this reason we have thought it best to omit from our news columns most of the reports that have come to us of the individual damage inflicted, feeling also that these reports might in some instances have been exaggerated and the direct loss greatly overestimated, and hoping that in time this may prove to have been the case.

A temporary quiet

The first half of January has long been recognized as a very lean period in every form of horticultural industry. Everyone is moved to stop and gather himself together, as it were, sum up the year's business results, get accounts straightened out, take inventory and formulate plans for the coming year. The florist usually finds the public disposed to take a rest after the holiday spending and excitement and a week or two more or less usually passes before things start to speed up for the midwinter season. There is reason to believe that, even in the exceptional conditions that now prevail, the usual livening-up process will duly take place and the apathy which is disturbing the minds of many in the trade at present will be only short-lived and will pass off with the coming of better weather and the systematic stabiliment of general business under the new order of things which is being gradually worked out. That the direct effect of the recent havoc will then be materialized in a greatly curtailed flower product and actual scarcity in some places, with much higher market values than in recent years, is quite possible. Greenhouses that have been dismantled now are most likely to be devoted to the production of food crops and young vegetable plants for spring requirements when they are again started up and will thus be wholly eliminated from the flower market field for this season at least.

THE MALUSES

(See Cover Illustration)

Crab-apples. These plants for the decoration of northern gardens are of first-rate importance, and from its early days much attention has been paid at the Arnold Arboretum to the collection and study of the different species, hybrids and varieties. The flowering of the Crab-apples is one of the important Arboretum events and, although the season is ten or twelve days late, some of the Asiatic species are already in bloom and during three or four weeks Apple blossoms can be seen here.

From the Crab-apple of southeastern Europe and western and central Asia (*Malus pumila*) most of the Apples of our orchards have been developed, although in some of these the blood of the Crab of northern and central Europe (*Malus sylvestris*) can be traced. The Paradise Apple is a very dwarf form of *Malus pumila* used by nurserymen as a stock for dwarf pomological varieties. The first of the Crab-apples of eastern Asia known to Europeans (*Malus baccata*) was first cultivated in Europe one hundred and thirty years ago. It is a native of eastern Siberia, and is a tall, narrow tree with large white flowers appearing with the leaves, and fruit the size of a large pea. The Siberian Crab, as it is popularly called, is a handsome, very hardy plant; its great value, however, is that, crossed with the cultivated Apple-tree, it has given rise to a race of Apples like the Hyslop and the Transcendent Crabs which can be grown in regions too cold for the successful cultivation of the ordinary Apple. The hybrids are known as Siberian Crabs, and many named varieties can now be found in nurseries in the extreme northern part of the country. They are fast growing, erect and shapely trees, and well worth a place in northern gardens for the beauty of their flowers and brilliant scarlet or yellow fruits which are usually oblong or ovate in shape and from an inch to an inch and half in length. The fruit is acid but makes excellent jellies and preserves for which it is largely used. *Malus baccata*

has been used in cold regions as a stock on which to graft the ordinary Apple, but its liability to the blight which attacks Pear-trees reduces its value for this purpose. The largest specimen of *Malus baccata* in the neighborhood of Boston is standing in front of the gardener's house in the Harvard Botanic Garden in Cambridge.

One of the handsomest of the Crab-apples in the Arboretum collection is a Korean variety of *Malus baccata* which has been distinguished as var. *Jackii*. It was raised here in 1905 from seed collected by Mr. Jack near Seoul. The plants, although still small, are shapely in habit with straight clean stems and regularly spaced spreading branches; the leaves are thick, long-stalked, from four to six inches in length, dark dull green above and pale below; the flowers are pure white and nearly two inches in diameter, and the dark crimson shining fruits, which are often half an inch long, hang gracefully on long drooping stems. A widely distributed form of *Malus baccata*, the var. *mandshurica*, differs in its broader, more or less hairy leaves. This tree is distributed from the Amoor region to western China and Japan where it is common northward, and in Hokkaido is often found in Alder woods in the neighborhood of the coast.

Malus prunifolia. In one of its forms (var. *rinki*) this tree has been the most economically valuable of all the Asiatic Apple-trees. *Malus prunifolia*, although it has been known in western gardens for many years, is still unknown as a wild plant, but Wilson found growing wild its variety *rinki* in central and western China. This variety differs from *Malus prunifolia* in the shape of the leaves and the amount of their hairy covering, and in the shape and color of the fruit which varies from greenish yellow to yellow or red. This is the Apple which has been cultivated by the Chinese probably for centuries. The fruit of the cultivated tree seen by Wilson was rarely more than an inch and a quarter in diameter, green or greenish yellow with a rosy cheek, or sometimes almost entirely red and had

a pleasant bitter-sweet flavor. He found that the fruit grown in the cold region near the Tibetan border was of better quality than that produced in the warmer regions further east. Until the coming of foreigners into Japan introduced American and European varieties of Apples the var. *rinki* was a commonly cultivated fruit tree in Hondo, although now it has almost entirely disappeared from Japan.

Only the Apples already mentioned, *Malus sylvestris* of western and northern Europe, *M. pumila* of southeastern Europe and western and central Asia, *M. baccata* of eastern Siberia, *M. prunifolia*, var. *rinki* of western China, and the species of eastern North America are of economic importance to man. The fruits of the last are sometimes used domestically in making jellies and preserves but are not in very general use. All the other Crab-apples are only valuable for the beauty of their flowers and fruits in the decoration of gardens. The American Crab-apple bloom later than the Old World species, and their flowers do not open until the leaves are well grown. The flowers are more or less deeply tinged with pink or rose color and are exceedingly fragrant. The fruits of the eastern species are depressed-globose, light green, sometimes turning pale yellow when fully ripe, lustrous, covered with a waxy exudation, and more fragrant than the fruit of other Apple-trees. The fruit falls without having become soft, and remains on the ground a long time without losing its shape. The fruit of the north-western species (*M. fusca*) is oblong, not more than three-quarters of an inch in length, yellow-green or yellow often flushed with red, or occasionally entirely red. The flesh of this little apple is thin and dry.

The American Crab-apples are good plants for wood borders and forest glades, and can be used to advantage with the Flowering Dogwood (*Cornus florida*), the different Shade Bushes (*Amelanchier*), and some of the American Hawthorns to enliven forest parks and country roadsides. American Crab-apples, however, are still little known or appreciated by American gardeners, and only one of them, the so-called Bechtel Crab, a double-flowered form of *M. ioensis* of the Mississippi Valley, is found in American nurseries. The flowers of this tree resemble small double pink roses and attract more attention than almost any other plant in the Arboretum. Among the handsomest of the species

INDEX TO VOLUME XXVI

Following precedent we shall send copies of the index to Vol. XXVI only to those of our readers who make request for them. They are ready now and will be mailed promptly to all who express a desire for same.

of eastern Asia as flowering plants are

Malus floribunda (see cover illustration) probably the best known and the most generally cultivated Crabapple in this part of the country. When grown naturally it is a broad, tall, round-topped bush, rather than a tree, with wide-spreading branches. The flowers as they open are red and, passing through different shades of rose color, become almost white before the petals fall. The fruit is not much larger than a pea. This plant is one of the most satisfactory of all flowering shrubs which can be grown in this climate for it has never yet been injured by cold, heat, or drought, and never fails to produce its flowers every spring. On some of these plants the fruit drops in early autumn, and on other seedling plants raised in the Arboretum it remains on the branches until early spring and furnishes birds with great supplies of winter food, and for the benefit of the birds plants of this variety should be selected. There are a number of these plants close to the Administration Building where during the winter they are much frequented by pheasants who find shelter in a neighboring Pine grove. A hybrid of *Malus floribunda*, and one of the hybrid forms of *M. baccata* appeared spontaneously in the Arboretum, and has been called *Malus Arnoldiana*; it has the low-branched habit of *M. floribunda* but the flowers and fruits are more than a third larger. This is one of the handsomest of all Crab-apples.

Other Crab-apples to which special attention is called are:—*Malus Halliana* var. *Parkmanii*, the double-flowered form of a Chinese tree, long cultivated by the Japanese and introduced into this country from Japan more than forty years ago. The bright rose-colored flowers hang on long slender stems and differ in color from those of any other Crab-apple; *Malus Sargentii*, a shrub from northern Japan with wide-spreading branches, pure white flowers with bright yellow anthers, and scarlet fruit which remains on the branches until spring and appears to be unpalatable to birds; *M. Sieboldii*, a Japanese plant better known perhaps under the incorrect name of *M. tozingo*, and the last of the Asiatic species in the collection to bloom. There are both shrubby and arborescent forms of this plant which has small nearly white flowers produced in immense quantities and minute fruit which is bright red on some individuals and yellow on others. The variety *callicarpa* of this species is one of the handsomest of the Crab-apples in the collection both in spring and autumn. It is a broad tree-like shrub or small tree with slightly lobed leaves, pink and white flowers an inch in diameter, and brilliant scarlet, lustrous fruits which are half an inch in diameter and are more beautiful perhaps than those of any other Crab-apple. This beautiful plant is little known in gardens and was raised in the Arboretum from seed presented in 1890 by Dr. William Sturgis Bigelow, of Boston. It is impossible in one of these bulletins to more than mention a few of the most important plants in this group, but something will be said of others as they begin to flower.

—Arnold Arboretum Bulletin.

Obituary

Robert Scrivener.

Robert Scrivener, for nearly forty years superintendent of the Cedar Hill Cemetery, Hartford, Conn., died Wednesday afternoon, January 2, at the Hartford Hospital following an operation. He was born in Froyale, England, June 20, 1848, and spent his boyhood there. He studied landscape gardening at the Kew Gardens. Forty-four years ago he came to this country and settled in Hartford, where he has since lived. Two years after coming here he was married to Miss Martha A. Camp of Barkway, England, at Watford. He leaves two sons, Robert E. Scrivener, assistant superintendent of the Cedar Hill Cemetery, and William H. Scrivener of the Mechanics Savings Bank, and a daughter, Mrs. Harry B. Howard. Mr. Scrivener's wife died several years ago. He was an active and highly respected member of the Connecticut Horticultural Society and widely known among the gardening fraternity throughout the country to whom he had endeared himself by his many estimable qualities. The funeral was held on Saturday. His son, Robert E., has been appointed to succeed his esteemed father.

Howard Riedinger.

A victim of pneumonia, Howard Riedinger, employed by the Haggerty Floral Company in Poughkeepsie, died in the Mansion Square General Hospital, Poughkeepsie, Sunday, December 23. He had been ill only a week. He leaves his wife and four small children in addition to his parents, Mr. and Mrs. Jacob Riedinger. He also leaves three brothers and four sisters. Mr. Riedinger was a popular young man and had a great many friends. The news of his death came as a great surprise and shock to all. He was twenty-four years old.

Charles Hornecker.

Charles Hornecker, formerly in the florist business and father of Henry Hornecker, who now conducts the business at East Orange, N. J., died in East Orange on Tuesday night, Jan. 1.

NEWS NOTES

St. Louis.—An orchid show is the attraction this week at Shaw's Botanical Garden.

Wilkes-Barre, Pa.—Supervisor of Parks Charles L. Seybold is interesting himself in a plan to raise herbs on city ground and to communicate interest in the raising of herbs to local and county florists and farmers. Mr. Seybold's decision comes as a result of a letter recently received by him from Albert Lewis, of the United States Department of Agriculture, which letter stated that it has now become practically impossible to make certain medicines because herbs from which they are made can not be obtained. It is urged that the industry of herb raising will probably prove a profitable business and that it would be to the benefit of florists and growers to take it up. At the same time they would be performing a patriotic duty.

VIOLET GROWERS DISCUSS SHIPPING PROBLEMS.

A meeting of great importance to the violet growers of Rhinebeck, N. Y., was held in the court room in the Town Hall, Thursday, December 27, when E. E. Bush, traffic manager of the American Express Company and F. A. Hoyt the superintendent, met with over sixty of Rhinebeck's leading florists to consider the problem of shipments of flowers being delayed in transit and being damaged by frost.

The Express Company has had many claims for damages for violets which were reported frozen when they reached their destination. It is thought by most of the violet growers that the flowers are frozen from standing in the cold while being transferred and while being delivered to the consignee. The violet men are of the opinion the Express Company is at fault as the trouble has come from shipments which were delayed.

The manner of packing the flowers and labeling the boxes so they could be easily distinguished among other packages was talked about and Mr. Bush suggested having each box wrapped in a distinctive colored paper. Most of the growers considered Mr. Bush's suggestion would be impracticable, but they thought that conspicuous labels on each end and on top of the boxes would be a good precaution to take. Several growers are now using these labels to good advantage.

Mr. Bush said that the Express Company was staggering under the load of present conditions of transportation. He asked for the co-operation of Rhinebeck violet growers and promised that everything possible would be done by the Express Company to overcome the trouble. He advised against making any shipments by express to Washington, Philadelphia or Pittsburgh at the present time.

SOUTHAMPTON HORTICULTURAL SOCIETY.

The Southampton Horticultural Society held its annual meeting on Jan. 3rd, 1918. The election of officers for the year 1918 resulted as follows: President, William McLeod; vice-president, James S. Dickson; secretary, H. H. Wells; financial secretary, Hugh Davidson; treasurer, George Campbell; corresponding secretary, Vernon Pierce; executive committee, Charles F. Guilloz, chairman, Stanley R. Candler, William Frankenback, James Dowlen. In the monthly competition two awards were won by William McLeod and one by Vernon Pierce. It was voted to purchase two full books of war saving certificates. The competition for the February meeting will be for collection of evergreens, berried shrubs and colored woods, all to be correctly named. It was voted unanimously to hold the flower show this year, the proceeds to be given to a good local cause to be decided upon at the next meeting. Stanley R. Candler promised to write an essay for our next meeting. After the meeting the members enjoyed an oyster supper. O. G. Owen made a few remarks on the National Association of Gardeners' meeting at Chicago. President McLeod made a strong appeal for more members for the National Association of Gardeners and secured six names.

VERNON PIERCE, Cor. Secy.

CLUBS AND SOCIETIES

AMERICAN CARNATION SOCIETY.

On account of the unsatisfactory express service, some growers may feel disinclined to risk shipment of carnation blooms to the American Carnation Society's exhibition at Boston, Mass., the last two days of this month. In order that this exhibition shall not be entirely local, we would urge every member to carry as many blooms as he can handle, right along with him. Two or three hundred blooms can be handled very easily as hand baggage and if a few growers will each do this, a very good showing will be made.

The New England growers are finding it difficult to secure enough coal to keep their houses warm and while reports from that section indicate a very high average in point of quality, the quantity shown may fall short of normal, which is another very good reason why the growers from the middle west should make a special effort to exhibit. Make entries for all the stock you might be able to show, and then do your very best to fill all the entries listed. There is no charge for making entries up to January 21st, but after that date it will cost you \$2.00 for each class in which you desire to make entry. If you have a new variety, enter it for the society's certificate of merit. A vase of blooms entered in any other class may also be entered for this certificate of merit.

Come prepared to participate in the activities of the convention. There will be discussions of live topics of vital interest to the industry. Look up your records of blooms cut, prices realized and cost of production. The Boston members will extend a hearty welcome. Let's make this the most successful convention ever held by the American Carnation Society.

A. F. J. BAUR, Secy.

TO THE CARNATION GROWERS OF NEW ENGLAND.

Owing to the unusual and uncertain transportation conditions of our country at present it is imperative and extremely necessary that our New England growers make every effort to exhibit and attend the meetings of The American Carnation Society at Horticultural Hall, Boston, January 30-31, 1918. We must hold on to the tradition that this is the best carnation section of the country, and if necessary sacrifice to some extent flowers and time to make this a notable Convention and Exhibition. Let us show to the public at this time that we are Keeping the Home Fires Burning, that when our boys return home from the front and from the sea we shall

Meetings Next Week

Monday, Jan. 14.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

New York Florists' Club, Grand Opera House, New York City.

Rochester Florists' Association, 95 Main St., East Rochester, N. Y.
Cincinnati Florists' Society, Hotel Gibson Cincinnati, O.

Tuesday, Jan. 15.

Gardeners' and Florists' Club of Boston, Horticultural Hall, Boston, Mass.

Gardeners' and Florists' Club of Ontario, St. George's Hall, Toronto, Can.

Minnesota State Florists' Association, Minneapolis, Minn.

Pennsylvania Horticultural Society, Griffith Hall, Philadelphia, Pa.

Wednesday, Jan. 16.

Rhode Island Horticultural Society, Public Library, Providence, R. I.

Tarrytown Horticultural Society, Tarrytown, N. Y.

Thursday, Jan. 17.

Essex County Florists' Club, Kreuger Auditorium, Newark, N. J.

New Orleans Horticultural Society, Association of Commerce Bldg., New Orleans, La.

North Westchester County Horticultural Society, Mt. Kisco, N. Y.

Tacoma Florists' Association, Macabee Hall, Tacoma, Wash.

Friday, Jan. 18.

North Shore Horticultural Society, Manchester, Mass.

be ready to help them to again take their place in the upbuilding of the Nation and to support their families.

S. J. GODDARD,

Chairman of Exhibits Committee.
Framingham, Mass.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

Meeting of the Executive Board.

President Charles H. Totty authorizes the call for a meeting of the Executive Board, 9 a. m., at the Hotel Jefferson, St. Louis, Mo., January 21, 22, next, to continue until all business of the meeting is completed.

Meeting of the National Flower Show Committee.

Chairman George Asmus authorizes the call for a meeting of the National Flower Show Committee at the Hotel Jefferson, St. Louis, Tuesday, January 22. The reason for calling this meeting on the last day of the Executive Board meeting is for the purpose of submitting to the Executive Board any business that may require their consideration. The hour of meeting will be determined later, owing to the uncertainties in regard to accommodations, and the many changes in train service. I would advise that all those who intend to attend these meetings secure reservations at once.

JOHN YOUNG, Secretary.

January 5, 1918.

AMERICAN ROSE SOCIETY.

The secretary's office of the American Rose Society will soon send out entry blanks for the exhibition of the society which will be held in connection with the National Flower Show in St. Louis, April 6th to 15th, 1918. The attention of rose growers who plan to exhibit at this exhibition is called to the following regulations for judging cut blooms: All roses shall be disqualified where exhibited with more than two growths (one pinch), except in classes calling for displays and for one hundred or more blooms in one vase, on which two pinches are allowed.

The following varieties of roses have been offered for registration in the American Rose Society:

Name—Silvia. Class—Hybrid Tea. Parentage of rose—Sport of Ophelia.

Description: Habit of plant, same as Ophelia; character of foliage, better than Ophelia; freedom of growth and hardiness, same as Ophelia; flower, large; color, sulphur yellow shading to white; form, excellent; fragrance and bud, very fragrant, and pointed; petalage, same as Ophelia; freedom of bloom and lasting quality, same as Ophelia. The rose is similar to Ophelia but is different in color and superior for the following reasons: Foliage and long bud.

Signed by F. R. Pierson.

Name—Rosalind. Class—Hybrid Tea. Parentage of rose—Sport of Ophelia.

Description: Habit of plant, same as Ophelia; character of foliage, same as Ophelia; freedom of growth and hardiness, same as Ophelia; color, bright coral in bud, apricot pink when half open, shell pink when full open; form, full; fragrance and bud, very fragrant; petalage, 30 to 40 petals; freedom of bloom and lasting quality, free, fine keeper. The rose is similar to Ophelia but is different in color and has a third more petals and superior for the following reasons: Better color, more double, more fragrant.

Signed by F. R. Pierson.

If no objection to such registration is filed with the secretary of the society within three weeks after this publication, the registration will become permanent.

E. A. WHITE, Secretary.

HORTICULTURAL SOCIETY OF NEW YORK.

There will be an exhibition of plants and flowers at the American Museum of Natural History New York City, on Saturday and Sunday, January 19th and 20th. Prizes are offered for orchids, carnations, sweet peas, schizanthus, snapdragons and euphorbias. Schedules are now ready for distribution, and may be had by addressing the secretary, George V. Nash, New York Botanical Garden, Bronx Park, N. Y. City.

GEORGE V. NASH, Secy

SOME TIMELY LEGAL ADVICE

A PARTNERSHIP EXPERIENCE AND ITS TWO MORALS.

About two years ago in a certain part of Indiana, two men formed a partnership for the purpose of doing a wholesale business. One was an inside man, the other an outside, and both had a wide acquaintance among the firms they must look to for business. It looked like an ideal team. Each man had saved money and both contributed an equal amount to the firm's capital.

The new firm did business from the start, and in six months was making a little money. In a year it was doing exceedingly well, and gave every prospect of doing better as time went on. When the business was eighteen months old, the partners had their first serious disagreement. It was not about anything connected with the business, but about a girl stenographer in the firm's employ. Both men were married. They fell out very deeply over the thing, and after several weeks of bitter wrangling, during which the business, of course, suffered, each man made the other a proposition to sell his interest, but neither of the propositions was accepted, and a deadlock resulted.

The business was going from bad to worse, when one of the partners went off one day and sold his interest in the firm to another salesman in the same line. The deal involved several thousand dollars, yet both parties decided that they could put it through without counsel—"it was just an ordinary sale"—and they got together in a hotel room and signed the papers which together they had drawn up. The buyer paid half of the purchase price in cash and gave a note for the balance. The seller in this case was the partner who had been at fault regarding the stenographer.

Following the deal, the buyer of the half interest took his papers to the store of the firm and announced to the remaining member of the partnership that he was his partner. How was that? Why, he had just bought out the other man's share. And he showed the paper in corroboration.

The remaining partner did not take kindly to the sale and at once consulted the firm's lawyer as to his rights. He was advised that despite the sale, he was not obliged to accept the new man as partner, that he need not work with him or accept him in any way.

Just here let me explain this most important drawback of partnership. It is well settled that a partner can not sell his interest in the partnership to a third party unless the remaining member consents. He can sell something, but it is merely a half interest (if the seller held a half interest) in the firm's assets which remain after the business is settled up. This is from a leading case.

The legal power of a partner to make a transfer of his interest to a third party is unquestioned. The transferee, however, does not become a tenant in common with the other partner in any specific goods, but acquires only the interest his vender had, which is his share of the residue after the affairs of the firm are settled and the debts paid, including debts due from the firm to a partner. Such a purchase does not make the buyer a partner in the firm without the concurrence of all the partners, either given expressly or implied from conduct.

To illustrate, A and B are partners. They fall out and B sells his share to C. The business cannot go forward with C in it unless A consents. All that C can legally demand, after buying B's share, is that the business be wound up, debts paid, and he be given half the balance. In other words, selling one's share to an outsider without his partner's consent, usually means the destruction of the business. It cannot possibly mean anything else unless the remaining partner agrees.

Now to get back to the Indiana case. The remaining partner served notice on the buyer of the half interest refusing to accept him, and the latter then consulted his own lawyer, who told him the same thing that the other lawyer told his client. He then tried to find the man he had bought from to rescind the deal, but found he had gone to New York with the idea of going to France. He finally found him, but he had spent some of the money and refused to give back the balance on the ground that the deal was bona fide as far as he was concerned.

The buyer then went back to Indiana to see about getting the only thing he could—one-half the assets after the business was wound up. He took proceedings to that end, the business was wound up and its assets sold, as the remaining partner had lost the chance he had had before of raising the money to take the other half interest over. As would be the case

with many businesses were their assets forced to sale, it brought enough to pay back the buyer of the half interest about one-fourth of his money. I can scarcely understand why the remaining partner here could not have gotten money enough from his bank, or somewhere, to buy the half interest and thus prevent the sale, but he seems for some reason not to have been able to.

This little deal had the following evil results:—

It cost the buyer of the half interest several thousand dollars in cold cash.

It put the remaining partner to much expense, inconvenience and loss.

It practically destroyed a going, profitable business.

The two morals are plain: 1, never go through with a deal involving any substantial sum without counsel; 2, do not enter into a partnership without realizing that you cannot sell your interest as a share in a going business, without your partner's consent, which consent will very often be refused. There is only one way to get around this and that is a way I should never advise a client to take, viz.: put in the partnership agreement a clause binding each to accept as partner anybody to whom the other may sell his share. A man would be exceedingly foolish to agree in advance to something that might cause him the deepest embarrassment and regret.

WHEN YOU BUY OUT A BUSINESS.

In the same State, at about the same time, two men sold their businesses. One was a retail coal dealer, the other a manufacturer of a wrapping device. In both cases the buyers set out to protect themselves by inserting in the agreement of sale a clause binding the seller not to re-engage in the same business for a certain time. These clauses are always inserted in an agreement to sell a business, if the buyer knows his business. Otherwise, a man may sell his store one day and immediately open another one the next day, of course taking all the trade he had just sold.

In both of these two cases I have referred to, the sellers, after getting the buyers' money, attempted to get out of their agreements not to re-engage in the same business. In both cases the buyers appealed to the courts for an injunction. One got it and the other did not. The difference between the two cases shows so clearly how to make and how not to make agreements restricting the seller of a business from going into the same business again, that I shall devote this article to pointing that difference out.

In the coal man's case, the seller sold his trade name, trade-mark, good will, fixtures, stock in trade—everything connected with the business—and agreed not to re-engage in the coal business in the same city for two years, and not within two miles from his former place of business for five years. Three years afterward he opened up another coal yard a little

NEW TOMATO "STAMFORD BEAUTY"

THE FINEST OUTDOOR TOMATO THE WORLD HAS EVER SEEN

Awarded highest honors wherever exhibited. Winner of five Certificates of Merit from Horticultural and Agricultural Societies. "Stamford Beauty" resembles the old favorite Stone Tomato, but is earlier, sweeter and has a handsome color finish of deep scarlet.

"Stamford Beauty" is a strong healthy grower, and a *MOST WONDERFUL* cropper, producing a wealth of large beautiful smooth Tomatoes from early summer till late fall.

"Stamford Beauty" will give you full reward for your money and labors. Plant some this year.

Seeds grown in 1917, packed and sold in originator's sealed packets only.

Price per Packet, 25 Cents.

Mailed free on receipt of price.

ANTHON PEDERSEN

Fairlawn,
Stamford Conn.

more than two miles from his old place, but solicited orders within the two-mile radius. When his old buyer took him into court on an application for injunction, the court said the restrictive agreement was legal and would be upheld, and an injunction was granted restraining the seller from soliciting any business whatever within a radius of two miles from his old stand.

The court said this:—

We are of the opinion that it is a breach of the agreement to conduct a business similar to the one transferred within the radius of two miles from Main and Price streets or to do acts in violation of the spirit and intent of the contract. The defendant cannot be restrained from establishing a coal yard, after the term of two years, beyond the territorial limits set forth in the agreement, but the soliciting of business, the selling and delivery of coal to customers within the territorial limits is carrying on business and a breach of the contract.

I am often asked, in cases like this, whether the seller of a business who binds himself not to re-engage in the same line for a time, and within a certain territory, could fill orders that came to him voluntarily from old customers within the prescribed territory. Of course he could, but he would have to show very clearly that the order did not result from some direct or indirect solicitation of his.

So the buyer of the coal business got his injunction. The buyer of the manufacturing business was less successful. Let us see why. In the latter case the selling agreement bound the seller "not to engage, directly or indirectly, in the business of manufacturing or selling the same or any competing material in the United States." After a while the seller of the business started in to sell a competing product and an injunction was asked against him. The court said no; this time the agreement keeping the seller out of business was not legal and would not be upheld, because it was not reasonable. Instead of keeping him out for a limited time and a limited territory, merely enough to give the buyer a chance to get settled, it sought to keep him out for all time and in the whole United States. This is from the court's decision:

This restriction was not reasonable. Such a contract in restraint of trade is clearly unreasonable. Such a

requirement is not at all necessary for the proper protection of the rights of the plaintiff and it is oppressive to defendant.

The restriction here is also unreasonable in that it is unlimited as to time. It is a well-settled rule of law that an agreement in general restraint of trade is illegal and void, but an agreement which operates merely in partial restraint of trade is good, provided it is not unreasonable and there be a consideration to support it. In order that it may not be unreasonable, the restraint imposed must not be longer than is required for the necessary protection of the party with whom the contract is made (the buyer). A longer contract, even on good consideration, is held void, as being too general a restraint of trade; but a contract not to use a trade at a particular place, if it be founded on a good consideration and be made for a proper and useful purpose, is valid. Of course, a contract not to exercise a trade generally would be obnoxious to the rule, and would be void.

In *Union Strawboard Co. vs. Bonfield*, 193 Ill. 420, the contract was in connection with the sale of a business, and a reasonable restriction was justified, but it was there said: "The courts will not enforce any contract which excludes a party generally from following any lawful trade or business beneficial to the community and to him."

In the case at bar, the contract in restraint of trade being unlimited as to time, and as to space extending over the entire country, must be regarded as extending the restraint further than is necessary for the reasonable protection of the covenantee. Reference to the nature and subject-matter of the restriction makes its unreasonableness more clearly apparent.

In other words, the buyer of the coal business got his injunction because his lawyer knew the law of restraining agreements, and the other buyer lost his because his lawyer did not.

(Copyright, November, 1917, by Elton J. Buckley.)

Mt. Holly, N. J.—Arthur J. Collins has purchased the Moorestown Nurseries, formerly conducted by the late Samuel C. DeCou. This property adjoins the place at present owned by Mr. Collins.

CATALOGUES RECEIVED.

J. M. Thorburn & Co., New York.—1918 Catalogue of Seeds. J. M. Thorburn & Co. were founded in 1802 and that they are "still going strong" in every essential quality of a representative substantial seed house is evident from the contents of this annual catalogue, just issued. Delays and shortages in the supply of European seeds are the nightmare of all the seed merchants and Messrs. Thorburn & Co. emphasize strongly the need for ordering early this year. The book comprises 160 pages.

W. Atlee Burpee, Philadelphia, Pa.—Burpee's Annual for 1918. We have been interested in looking over this catalogue for the reason that many varieties are the shortest crops that the seed business has ever known, and incidentally this is the first year that Burpee has cataloged everything under the cental system. We note that they are offering everything by the pound instead of the pint, quart, bushel, etc., as heretofore. Another feature of the catalog this year is twenty-four pages of process color work. They make a special play on root crops, with the idea of getting the small garden planter to recognize the food value of these vegetables. Another feature is the Economy Garden, which occupies two pages, showing the photographs of some of the demonstration gardens which they conducted in some of the large cities. Collections of annual flower seed are illustrated in color on twenty varieties for \$1.00.

Donald B. MacMillan was the speaker last Thursday afternoon at the first winter meeting of the season of the Worcester County, Mass., Horticultural Society in Horticultural Hall. Mr. MacMillan spoke on "Flora of the North," illustrating his talk with stereopticon views.

ORCHIDS

We grow and sell nothing but ORCHIDS. If you are in the market for this class of plants we respectfully solicit your inquiries and orders. Special lists on application.

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SEED TRADE

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Bolgiano's Seed Establishment Celebrates Its 100th Anniversary.

With the dawning of the new year, Bolgiano's Seed Establishment, Baltimore, passes the 100th year mark of its existence, having been founded in the year 1818 when Baltimore was regarded as not much more than a side station, by the present management's great grandfather, in small quarters on South Calvert street. At the time of the great Baltimore fire, they were located at Lombard and Light streets where their buildings were entirely wiped out by the great conflagration. They then established their present quarters at Pratt and Light streets and have since acquired the new piers and warehouses located on Key Highway just opposite the new ten-million-dollar piers. The waterfront property includes their onion set and seed potato warehouses, their new poultry food manufacturing plant with a capacity of five thousand 100-pound bags daily, also their special grass, clover and field seed cleaning machinery buildings. They have located at Raspeburg, Md., their seed trial and testing grounds, and large poultry farm and hatcheries at Rossville, Md. They annually market the product of over 100,000 acres of ground.

They were the first seedsmen in America to establish completely equipped seed analyzing and seed testing laboratory. One hundred years of success has placed the names of over a half million customers on their books. All over the United States their seeds have been planted by grandfathers, fathers and sons.

John Bolgiano, Sr., was the head of the firm from 1825 until he retired in 1883. He died in 1892. Joseph A. Bolgiano was head of the firm from 1883 until he retired in 1899. He had many other interests identified with Baltimore. He died in the year 1913.

Charles J. Bolgiano, the present proprietor, is well known to all Baltimoreans. He is a member of many civic, financial and fraternal organizations. Mr. Bolgiano has recently lent

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PANAMA, top roots..	\$5.00	\$45.00
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CARTERS TESTED SEEDS, Inc., 166 Chamber of
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his large business experience as well as financial aid to the establishing and maintenance of many philanthropic and charitable institutions.

Far-Reaching Legislation.

Our readers will be interested to learn that on January 4th, Senator Weeks of Massachusetts introduced a bill (S. 3344) to prohibit the importation of nursery stock into the United States. The gist of the bill is, in a few words, "that it shall be unlawful for any person to import or offer for entry into the United States any nursery stock."

Section 4 provides the definition of nursery stock, to include all field-grown florists' stock, trees, shrubs, vines, cuttings, grafts, scions, buds, fruit pits, and other seeds of fruit, and ornamental shrubs and other plants and plant products for propagation, except field, vegetable and flower seeds, bedding plants, and other herbaceous bulbs, plants and roots.

The nursery and florists' trades are on record as opposing legislation of this character, and proper steps will be taken to secure a fair discussion of the merits of this bill in a hearing before the Senate Committee on Agriculture and Forestry.

Washington, Jan. 3. If normal production of the nation's food and feed crops is to be had this year prompt action to protect the seed supplies is necessary. Secretary Houston warned Congress today in asking for an urgent deficiency appropriation for government purchase and sale of seed to farmers at cost.

—Press Despatch.

We would respectfully suggest that

the American seed trade might safely be trusted to take care of the farmers' seed requirements. If "normal production of the nation's food crops" is dependent upon such action as the foregoing indicates then the American farmer has neither the "sand" nor the sagacity with which we have been wont to credit him.—Ed.

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ASPARAGUS PLUMOSUS NANUS

Northern greenhouse grown. Extra quality. True to name.

100 seeds, \$0.50; \$3.50 per 1,000
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Paper White Narcissus
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Asparagus Plumosus Nanus—1000 seeds,
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—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.

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13 to 15 cts. 1250 to case.....	\$14.00 per 1000	\$17.00 per case
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15 ctm. and up.....	7.00 per 100	65.00 per 1000

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First size\$10.00 per 1000

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Buffalo, N. Y.—S. A. Anderson, 440 Main
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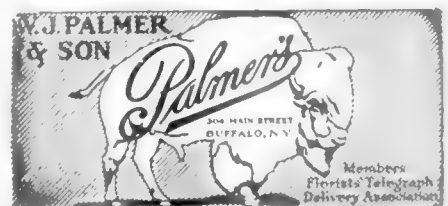
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Am Beauty, Special	2.00	to 15.00	4.00	to 50.00	4.00	to 50.00
" " Fancy and Extra	10.00	to 20.00	3.00	to 4.00	20.00	to 35.00
" " No. 1 and culls	4.00	to 8.00	1.00	to 10.00	4.00	to 15.00
Russell, Euler, Mock	4.00	to 12.00	5.00	to 15.00	4.00	to 30.00
Hadley	4.00	to 12.00	5.00	to 15.00	4.00	to 15.00
Arenberg, Hoosier Beauty	4.00	to 10.00	4.00	to 8.00	3.00	to 12.00
Wards	4.00	to 8.00	4.00	to 8.00	4.00	to 8.00
Kilbuck, Radiance, Taft	4.00	to 8.00	5.00	to 8.00	3.00	to 10.00
Opheia, Sunburst, Hillingdon	1.00	to 12.00	1.00	to 15.00	4.00	to 12.00
Carnations	2.00	to 4.00	1.00	to 4.00	2.00	to 4.00
Cattleyas	25.00	to 35.00	1.00	to 6.00	4.00	to 60.00
Dendrobium formosum	1.00	to 50.00	1.00	to 50.00	50.00	to 60.00
Lilies, Longiflorum	8.00	to 10.00	5.00	to 12.00	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	4.00	to 6.00	3.00	to 6.00
Callas	12.00	to 16.00	10.00	to 12.00	12.00	to 15.00
Lily of the Valley	5.00	to 6.00	8.00	to 10.00	5.00	to 10.00
Snopdragons	6.00	to 10.00	3.00	to 6.00	4.00	to 15.00
Bouvardia	2.00	to 3.00	1.00	to 1.00	3.00	to 4.00
Violets	.50	to .60	1.00	to 1.25	.35	to 1.00
Freesia	1.00	to 4.00	1.00	to 5.00	4.00	to 6.00
Narcis, Paper White	1.00	to 2.00	3.00	to 4.00	2.00	to 3.00
Roman Hyacinths	1.00	to 1.00	3.00	to 4.00	3.00	to 4.00
Stevia	1.00	to 1.50	1.00	to 1.00	1.00	to 1.50
Calendula	2.00	to 3.00	1.00	to 1.00	2.00	to 4.00
Mignonette	1.00	to 4.00	2.00	to 4.00	2.00	to 4.00
Sweet Peas	1.00	to 2.00	1.50	to 2.00	1.00	to 2.00
Marguerites	2.00	to 4.00	1.00	to 3.00	1.00	to 2.00
Gardenias	15.00	to 35.00	1.00	to 1.00	20.00	to 30.00
Adiantum	1.00	to 1.25	1.00	to 1.00	.75	to 1.00
Smilax	20.00	to 25.00	12.00	to 20.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	3.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

The situation here up until Tuesday, January 8, was exceedingly grave for the flower growers and dealers. Business was about as near dead as it could be during the continuance of the frigid spell which covered most of the country, but we are happy to note a very hopeful feeling now and a good change for the better all around. There has been some gratifying activity in and around the wholesale markets for the past two days, although certain flowers, as carnations, cattleyas, narcissi and lilies, are still at the bottom of the ladder and show no disposition to climb either to a more active call or a more seasonable market value. In general, there is an abundance of everything and prices run far below averages for corresponding dates in other years. Express delays have been very grievous and the wholesalers have many complaints of the way incoming and outgoing flower shipments have been handled.

The usual run of business went on as usual following the opening of the New Year. There was no special demand and the easing up of trade was not regretted after the strenuous holiday week. The stock coming in was about normal for January and the quality good and the end-of-the-week sales were expected to make a good showing. All were disappointed, however, for an old-fashioned blizzard cut out the Sunday trade and Monday's was reduced to a minimum. The express companies delivered suburban shipments, but long-distance consignments were missing. The losses of glass will tend to reduce the quantity of incoming stock, but not seriously. Roses are now in splendid condition and selling at a moderate price, the stock of Mrs. Russell being particularly fine. Carnations are more plentiful than before the holidays. Sweet peas are beginning to come again. There is a good supply of lilies and a few daffodils are offered by a local grower.

The growers and wholesale dealers—and we might say also many of the retail florists—are wondering whether the management of affairs was not passed over to the control of the "powers of darkness" for eight or ten days following Christmas. The situation altogether was one full of discomfort and loss. Business has not yet got under way. There is very little being done by any class and the apathy extends more or less completely to all departments. There are superfluous quantities of paper white narcissi, carnations, stevia and lilies coming in but the receipts of other flowers are not heavy and if demands were only normal for the season there would be no surplus of anything to worry about. As it is, however, there are accumulations more or less serious of cattleyas, cypripediums, corn flowers, sweet peas, trumpet narcissi, Roman hyacinths, roses, wallflowers and violets in addition to the things already mentioned. Among the newer varieties now in ev-



Pussy Willow

A reminder that better times are coming. Buy a few and give your place a bit of spring cheer.

Per Bunch, 25c., 50c., 75c., \$1.00

VERY CHOICE STOCK

S. S. PENNOCK CO.

THE Wholesale Florists of PHILADELPHIA

NEW YORK 117 W. 28th St. PHILADELPHIA 1608-1620 Ludlow St.
BALTIMORE Franklin 8 St. Paul St. WASHINGTON 1216 H St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES—Per 100 TO DEALERS ONLY

	CINCINNATI Jan 7		CHICAGO Dec. 31		BUFFALO Jan. 7		PITTSBURG Jan. 2	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	30.00	to 40.00	40.00	to 50.00	40.00	to 60.00
" " Fancy and Extra.....	30.00	to 40.00	20.00	to 30.00	25.00	to 30.00	25.00	to 35.00
" " No. 1 and culls.....	0.00	to 15.00	10.00	to 20.00	5.00	to 15.00	12.00	to 20.00
Russell, Euler, Mock.....	8.00	to 15.00	5.00	to 25.00	6.00	to 12.00	8.00	to 15.00
Hadley.....	8.00	to 15.00	4.00	to 8.00	6.00	to 12.00	.....	to
Arenberg, Hoosier Beauty.....	6.00	to 15.00	4.00	to 8.00	6.00	to 12.00	.....	to
Ward.....	5.00	to 10.00	3.00	to 10.00	3.00	to 6.00	6.00	to 12.00
Killarney, Radiance, Taft.....	4.00	to 10.00	3.00	to 8.00	4.00	to 10.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon.....	6.00	to 15.00	3.00	to 8.00	5.00	to 12.00	4.00	to 12.00
Carnations	3.00	to 4.00	2.00	to 4.00	3.00	to 5.00	3.00	to 5.00
Cattleyas	.....	to 75.00	50.00	to 75.00	50.00	to 60.00	60.00	to 75.00
Dendrobium formosum	.....	to 5.00	5.00	to 75.00	.....	to .....	.....	to
Lilies, Longiflorum	.....	to 15.00	10.00	to 12.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum	.....	to .....	.....	to	4.00	to 6.00	.....	to
Callas	8.00	to 20.00	12.00	to 15.00	10.00	to 15.00	.....	to
Lily of the Valley	.....	to 10.00	5.00	to 6.00	8.00	to 10.00	.....	to
Snapdragon	4.00	to 6.00	4.00	to 6.00	4.00	to 8.00	4.00	to 8.00
Bouvardia	.....	to	5.00	to 6.00	.....	to .....	.....	to
Violets	1.00	to 2.00	1.00	to 1.50	.75	to 1.00	1.00	to 1.25
Freesia	.....	to 4.00	3.00	to 4.00	3.00	to 5.00	.....	to
Narcis, Paper White	3.00	to 4.00	2.00	to 3.00	3.00	to 4.00	3.00	to 5.00
Roman Hyacinth	3.00	to 4.00	2.00	to 3.00	2.00	to 4.00	3.00	to 5.00
Stevin	2.00	to 3.00	2.00	to 3.00	1.00	to 1.50	1.50	to 2.00
Calendula	3.00	to 4.00	2.00	to 3.00	2.00	to 3.00	3.00	to 4.00
Mignonette	.....	to .....	.....	to	5.00	to 6.00	3.00	to 6.00
Sweet Peas	1.00	to 2.00	2.00	to 3.00	1.00	to 2.50	1.00	to 4.00
Marguerites	.....	to 1.00	.....	to	1.00	to 1.50	2.00	to 4.00
Gardenias	.....	to .....	.....	to .....	.....	to .....	.....	to
Adiantum	.....	to 1.00	.....	to 1.00	1.00	to 1.25	1.00	to 1.25
Smilax	.....	to 15.00	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	35.00	to 50.00

idence are irises, tulips, Bicolor narcissi and snapdragons of wonderful size and color. Gov. Herrick violet is more abundant than in former seasons but it is not popular. Lilies have never been so poor. The cold weather has made torn rags of the blooms. Callas are good and in some instances superb. Cypripediums of many of the choice forms of C. insigne are offered but find no takers.

Since the New Year, business has been rather slow. We always expect it that way for a week or two but of course conditions this year are phenomenal and

have accentuated the dullness. On Saturday the order went out that no express shipments would go out under any conditions and the shippers had to depend on parcel post—twenty pounds being the limit. This caused much extra work in packing. Today (Jan. 8th) the situation is improving—according to reports from the express companies—and they promise service as usual, which perhaps indicates that the clearing house business of the government in regard to transportation is well under way and that we can expect better service from now on.

(Continued on page 43)

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New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

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Choice Cut Flowers

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Cut Flowers—Home Grown Asparagus

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NEW YORK

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Wholesale Commission

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GEO. C. SIEBRECHT

WHOLESALE FLORIST

109 WEST 28th ST

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THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.

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Brooklyn's Foremost and Best

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Willoughby St. Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

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ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

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ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

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PAUL MECONI—Wholesale Florist—NEW YORK

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57 WEST 26th STREET

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WHOLESALE FLORISTS

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Telephones, 13-8510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

	Last Part of Week ending Jan. 5 1918		First Part of Week beginning Jan. 7 1918	
American Beauty, Special	30.00	to 40.00	20.00	to 30.00
" " Fancy and Extra	20.00	to 25.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 10.00	3.00	to 6.00
Russell, Euler, Mock	3.00	to 15.00	2.00	to 12.00
Hadley	2.00	to 25.00	2.00	to 15.00
Arenberg, Hoosier Beauty	2.00	to 8.00	2.00	to 6.00
Ward	2.00	to 6.00	2.00	to 6.00
Killarney, Radiance, Teft	2.00	to 6.00	2.00	to 6.00
Ophelia, Sunburst, Hillingdon	2.00	to 6.00	2.00	to 6.00
Key	2.00	to 10.00	2.00	to 8.00
Carnations	1.00	to 3.00	1.00	to 2.00

GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS

129 West 28th Street

Tel 8237 / 3583 Farragut

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly

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TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 684,

NEW YORK.

Flower Market Reports

(Continued from page 41)

ROCHESTER, N. Y. Delayed shipment and frozen flowers with zero weather has not helped the flower business. Shipments have arrived at least 18 to 24 hours late. Business on the whole has been slow since Christmas. The New Year's business was only a little better than the ordinary day trade. Cut flowers are of good quality, roses being the chief item. Roman hyacinths, paper whites, jonquils and freesia are the latest additions and are fairly plentiful. Carnations are very abundant. Violets and lily of the valley do not sell overfast. There are a few sweet peas and bouvardia.

There was not a very heavy demand for New Years. At time of writing transient trade is influenced by snowy and cold weather. The carnation market shows signs of breaking. Violets are also with a few bright days showing an increase in supply and are falling in price. Rose values also are on the decline.

NEW FLOWER STORES.

Taft, Cal.—Mrs. K. Dopvera.
Dallas, Texas—Dallas Floral Co., Oriental Hotel Building.
Birmingham, Ala.—Theo. Smith, Hotel Hillman Bldg., 19th St.
Wallace, Ida.—George L. Lowe, succeeding Thos. Christensen.
Newark, N. J.—Washington Florist, 557 Broad St.; George Hoernig, 458 Clinton Ave.
St. Joseph, Mo.—Stuppy Floral Co., removing March 1st to Geiger Bldg., 7th and Francis Sts.

BUSINESS TROUBLES.

Manchester, N. H.—Harry T. Mead, florist, 1230 Hanover St.; liabilities, \$3,000.
 Arthur Westcott, who opened a new flower store in Taunton, Mass., went out of business after Christmas.
Columbia City, Ind.—Columbia City Floral Co. has gone into bankruptcy and the Provident Trust Co. has been appointed receiver.
 J. W. Eagleston, who operated the flower store known as "Flower Craft," 1514 Hyde Park Boulevard, Chicago, turned over his store and fixtures to his creditors last week. He opened the store about two years ago and with the assistance of his son had built up quite a business. There is an indebtedness of \$2,200. His affairs have been placed in the hands of a committee of which A. L. Vaughan is chairman and the business is offered for sale. The location is a good one. Mr. Eagleston has never had any previous experience in the flower business.

VISITORS' REGISTER.

New York—George B. Hart, Rochester, N. Y.; Jack Frost, North Pole.
Rochester, N. Y.—Julius Berg, New York; R. E. Blackshaw of Ove Gnat Co., Hammond, Ind.; E. S. Kennon, Castorland, N. Y.; H. Hahne, Warren, Pa.

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St. **NEW YORK** TELEPHONES
 Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Jan. 5 1918		First Part of Week beginning Jan. 7 1918	
Cattleyas	20.00	to 35.00	15.00	to 25.00
Dendrobium formosum	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum	3.00	to 6.00	3.00	to 5.00
Lilies, Speciosum	3.00	to 6.00	3.00	to 6.00
Callas	15.00	to 25.00	15.00	to 25.00
Lily of the Valley	3.00	to 6.00	2.00	to 5.00
Snopdragoo	2.00	to 12.00	2.00	to 15.00
Bouvardia	2.00	to 3.00	2.00	to 3.00
Violets	.20	to .40	.20	to .40
Freesias	1.00	to 3.00	1.00	to 3.00
Narcis, Paper White	1.00	to 2.00	1.00	to 2.00
Roman Hyacinths	1.00	to 3.00	1.00	to 3.00
Stevia	.75	to 1.00	.75	to 1.00
Calendula	2.00	to 3.00	2.00	to 3.00
Mignonette	3.00	to 4.00	3.00	to 4.00
Sweet Peas	2.50	to 3.00	2.00	to 3.00
Marguerites	1.00	to 3.00	1.00	to 3.00
Gardenias	15.00	to 30.00	15.00	to 30.00
Adiantum	.50	to 1.00	.50	to 1.00
Smilax	15.00	to 20.00	15.00	to 20.00
Asparagus Plumosus, & Spreng (100 bunches)	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

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CHARLES E. MEEHAN

Wholesale Cut Flowers
 Plants, Greens, etc.

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SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Consign your flowers to me. I can sell them to your satisfaction.

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HENTZ & NASH, Inc.

Wholesale Commission Florists

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 Farragut **NEW YORK**

CLUB AND SOCIETY NOTES.

The Tarrytown (N. Y.) Horticultural Society has decided to omit its 1918 annual dinner, owing to war conditions. George McIntosh has just been chosen president of the society.

At the regular meeting of the Buffalo Florist Club on Wednesday evening, January 9th, Professor E. A. White, head of the Department of Floriculture at Cornell University, addressed the members on "Practice and Theory in Horticulture."

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

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55 and 57 W. 26th Street, NEW YORK

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122 West 25th St., New York

Florists' Supplies

We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties in their Season.

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 BOUND BROOK, N. J.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for
 CYCAS, BASKETS, WIRE DESIGNS
 and WAX FLOWERS
 Send for price list if you have not received one.

Est. 1765

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Century and a Half**HEWS****STRONG
RED
POROUS****POTS**World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****BOSTON.**

Rep. M. A. O'Brien, Jr., has introduced a bill in the Legislature which provides that the mayflower, presumably the trailing arbutus, shall be the Bay State's floral emblem.

On Dec. 29 a two-story wooden building at the city greenhouses on East Cottage street, Roxbury, used as a garage, was destroyed by a fire, which started from an undetermined cause and spread rapidly. Loss, \$1,500.

On the occasion of the installation of Frank Edgar of Waverly as master of Belmont Masonic Lodge last week, he was presented with a ring by members of the fraternity among the Boston florists, Henry Penn making the presentation speech.

The annual banquet of the American Carnation Society will take place on January 31 at Horticultural Hall. The sale of tickets will be limited to members of the society and their ladies. Patrick Welch is chairman of the dinner committee.

Plans have been drawn for a small concrete building to be erected for the Boston Elevated Railway Company on its land at 183 Canal street, for occupancy by a flower shop. The building will be one-story high and will have a frontage of twenty-one feet.

In the present depressed condition of the carnation market many held-over flowers are in evidence. Among the varieties that show the best keeping qualities at such a time we would place Morning Glow. This carnation seems to never get drowsy and is deservedly popular on that account.

A meeting of the Massachusetts section of the Publicity Campaign Committee was held at the office of the state chairman, Patrick Welch, on Tuesday, January 8. Action was taken towards an immediate rally for the collection of subscriptions to the fund and an address to the florists of the state will be sent out within a few days.

"The Country of the Amazon" was the subject of an illustrated lecture given by Dr. W. T. Councilman, Boston, on January 5, in Horticultural Hall, under the auspices of the Massachusetts Horticultural Society. The lecturer, who has traveled extensively through South America in 1916, gave a glowing description of the country and its products.

Among the seeds recently received

at the Arnold Arboretum from E. H. Wilson, who has been collecting in the mountains of Korea, are those of a new species of lily, the development of which will be watched with intense interest. The seeds have been sown at the Arboretum and also at the Farquhar nurseries in Dedham.

Buddleias asiatica and Farquhari grown as tall standards with beautifully pendant branches of bloom make a lovely picture in the show house of R. & J. Farquhar at Dedham at the present time and the fragrance fills the place with sweet perfume. Another flower blooming now which is not commonly seen is Erlangia tomentosa, a very useful thing for vase use. Azalea Kaempferi, forced specimens, is now in bloom also and the plants show a wide range of colors from pale salmon to bright red. Jasminum primulinum is another attractive gem at present.

In the Senate, on January 8, Mr. Eames of Middlesex presented the petition of Harris A. Reynolds, secretary of the Massachusetts Forestry Association, for the creation of a board of registration of arborists, to consist of three members, appointed by the Governor, for a term of three years. "Arborist" shall apply to all persons commercially engaged in the business of pruning and repairing trees and shrubs and the treatment of them for the control of insects and fungus diseases. Any person who falsely represents himself to be a registered arborist shall be punished by a maximum fine of \$500, or by imprisonment for not more than six months, or both.

NEW YORK.

Nicholas Malandre of Malandre Bros., retail florists, is seriously ill at St. Elizabeth's Hospital with a relapse of pneumonia and pleurisy.

Eber Holmes, recently traveling salesman for W. A. Manda, South Orange, N. J., has taken a position in the rose growing establishment of Wm. H. Elliott, Madbury, N. H.

Mayor Hylan has announced the appointment of Wm. F. Grell as Commissioner of Parks of Manhattan and Richmond Boroughs, and President of the Park Board; also John N. Harman as Commissioner of Parks, Brooklyn.

Two employees, said to be father and son, lost their lives by inhaling a poisonous gas given off by some devices widely used as wagon heaters,

which they had placed about the greenhouses to save the plants from freezing.

Paper white narcissus bulbs have proved to be the worst kind of an investment this season. There were left over, absolutely unsalable, hundreds of thousands of these bulbs, also many Roman hyacinths, which actually could not be given away.

Charles Schenck, W. A. Manda, G. E. M. Stumpp, Wm. H. Siebrecht, Sr., John Young, W. C. Rickards, A. L. Miller, Walter F. Sheridan, Chas. B. Weathered, Joseph Manda, Frank H. Traendly, Wm. H. Duckham, John B. Nugent, A. S. Burns, Sr., Chas. H. Totty, P. W. Popp, Philip F. Kessler.

Anthony Manda, formerly superintendent for the H. J. Pratt estate, Brooklyn, is now with Andrew Wilson in his down-town Brooklyn florist establishment. Mr. Wilson had rented the Pratt greenhouses and retained Mr. Manda in charge, but inability to obtain any coal obliged them to close down for the present.

W. H. Long has fully recovered his health and activity since the serious operation he went through last year. As catering to the so-called middle class of flower buyers, Mr. Long states that business has been quite good with him thus far. That seems to be the verdict generally in other stores similar in character and location.

Dracæna Rothiana, a specialty with W. A. Manda, is rapidly gaining an enviable reputation as a long-keeping and tough foliated subject for store and dwelling use, standing unharmed under all kinds of neglect. Mr. Manda's dracæna houses are very interesting to visit. The several popular species are having a rapidly increasing call this season.

The New York Florists' Club Alumni Association, composed of the past presidents of the organization, enjoyed a delightful banquet on Saturday night, January 5, at "Billy the Oysterman's," on invitation of President-elect Charles Schenck. Newly elected officers of the club and the chairman of the house committee were also invited. The evening was devoted to suggestions and discussion as to how the coming year in the club's history may be made profitable and instructive. The following named gentlemen were present at this very enjoyable symposium:

Consternation has held sway in the wholesale flower district as news comes in of the freezing up of many



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
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establishments whose product has been disposed of here, on account of inability to obtain fuel during the unprecedented cold wave. In addition, there are numerous establishments which have shut down a portion of their ranges either voluntarily or under inexorable compulsion on account of scarcity of fuel. Add to this the fact that a number of the wholesale stores were without heat or water for several days, that quantities of flowers shipped in by the growers arrived frozen solid, and that business was at a dead standstill, and the universal grouch which permeated the wholesale district is quite forgivable. But the sun of prosperity will soon be shining again and then all will be salubrious once more. It is a fact that the ice chests proved to be the only place in some stores where the flowers did not freeze.

PHILADELPHIA.

Charles E. Meehan has been on the sick list. Business at South Mole street has been going on as usual under the able management of Charles Lilly.

Corporal John H. Earl of the 111th Infantry at Camp Hancock (son of Howard M. Earl of Burpee's) is one of the 29 fortunate out of 482 applicants for the appointment of officer in the training school, January 4, 1918.

We are glad to report one more cheerful note in the holiday record. Mr. Cartledge, of Pennock Bros., says the Christmas business and the New Year's business were both good with them—in fact far better than expected.

The new seed book for 1918 by the William Henry Maule Co. is one of the hits of the season and well sustains the reputation of this house in all that is brilliant, progressive and honest. Manager Edward C. Dungan well deserves the plaudits of his compeers for this latest masterpiece.

John Burton has been laid up for two weeks and like his friend John Westcott does not venture far from the stove these days. Even in the usually mild climate of Chestnut Hill it was ten below zero last Sunday. "Coldest in 37 years" the weather man says for this vicinity.

A. M. Campbell reports a wayfarer calling at Wayne for a night's lodging in the stable. Asked him why he did not go down to Eddystone and get big wages. He said they were not paying the union scale and he was a man of principle. "Principles, lady! I aint got none; I'm a showman," says Artemas Ward.

CHICAGO.

The J. D. Thompson Carnation Co., of Joliet, Ill., lost heavily in a freeze up which occurred at their plant a week ago. All the carnation plants are reported killed, three tomato houses alone being in operation now.

Vaughan's Greenhouses at Western Springs suffered a loss by fire which started in one of their large warehouses on Thursday morning. In spite of all efforts to extinguish the blaze it spread to the second one and burned two days. The buildings were filled with bulbs and other stock and the loss will be heavy.

Big Storm Hits Chicago.

Probably the snow storm that hit Chicago was the worst in the experience of the oldest greenhouse men here. A few inches of snow fell on Saturday but not enough to cause any

distress, but early Sunday morning a genuine blizzard overtook the city and the rapidly falling snow was piled high by the fierce wind which never ceased throughout the day. The exact location of the different ranges played a big part in the story of loss, from which it seems few escaped. Reports are coming in rapidly and no doubt are more or less exaggerated, but it is safe to say that all the large growers in the city and vicinity suffered the loss of houses crushed in by the tons of snow which fell or was driven upon them. It will be several days before the whole story of the storm will be known. Some rapid work of putting in extra braces saved some houses or the loss would have been even greater.

Manhattan, Kan.—C. A. Scott's greenhouse has been purchased by Ken Kimble.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
 Bulbs of all descriptions. Write for prices.
 NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 post-paid. I. L. PILLSBURY, Galesburg, Ill.

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Peony Dahlia Mrs. Frederick Grinnell.
 Stock For Sale.
 JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Paeony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

DAISIES

Daisies (Bellis) Monstrosa, white and pink, also Longfellow and Snowball. Thinly sown field-grown seedlings, \$2.50 per 1000, \$11.50 per 5000, cash.

BRILL CELERY GARDENS,
 Kalamazoo, Mich.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa. Large breeding pairs for sale. Send for price list.

PANSY PLANTS

Pansy Plants, Strong and stocky. Strains unsurpassed by any for Size of Bloom or Colors. \$2.50 per 1000, \$11.50 per 5000. Cash. Satisfaction or your money back.

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Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

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Roses, Canas and Shrubs. THE CONARD & JONES COMPANY, West Grove, Pa.

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Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

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Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

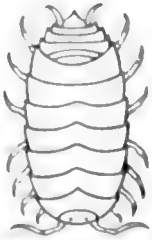
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SITUATION WANTED—By man with 15 years' practical experience in Greenhouses, Ornamental Trees and Shrubs, Perennials. Successful propagator. Thorough knowledge of Vegetables, outdoor and under glass, and in care and management of Fruit Trees. Married, 33, small family. Good references. State wages, etc. "C. E. W." care HORTICULTURE.

SOW BUGS versus SLUG SHOT



After reading the article headed "An Army of Sow Bugs," in the Review for May 10, it occurred to me that the growers whose stocks have been attacked by Sow Bugs might be interested in the remedy I used successfully in exterminating these pests some time ago. I had a good crop of Sow Bugs in my Carnation house and asked Mr. Benjamin Hammond, of Beacon, N. Y., for a good exterminator. Mr. Hammond recommended one of his preparations—SLUG SHOT—and told me to dust it between the plants, under the benches and along the walks. I did so and the results were gratifying. The bugs were cleaned out in short order, and I certainly recommend SLUG SHOT to every Florist who finds these bugs in his houses. ALEXANDER A. LAUB, Florist
New Hamburg, N. Y., May, 1917.



HAMMOND'S SLUG SHOT was first tested against SOW BUGS at Nyack, N. Y., in 1885, and it holds good

HAMMOND'S PAINT AND SLUG SHOT WORKS

Beacon, N. Y., U. S. A.

SOLD BY SEED DEALERS OF AMERICA

NEW PUBLICATION.

THE PRINCIPLES AND PRACTICE OF PRUNING. By M. G. Kains, Lecturer on Horticulture, Columbia University.

This book, just out, places the garden culturist, whether professional or amateur, under still greater obligation to its painstaking author who has already many friends among our readers for his previously introduced works on practical horticultural topics. It comes out at a time when the American people are beginning to take a very deep interest in gardening work and there is no part of that in-

dustry on which better education is needed than that of pruning. Defective pruning is seen everywhere, unfortunately, and the lack of knowledge thus manifested is not confined to the amateur. Indeed there is much yet to be investigated—plenty to be learned and verified and plenty to be disproved, of the old rule of thumb methods which are slavishly followed by even so-called experts. The author, who has spent many years in conscientious study and research has been able in this lucid volume to clear up many confused points with convincing accuracy and has given us a book of rare educational value. Printed on fine coated paper, its illustrations, of which there are over four hundred pen and ink sketches and photographic reproductions, are brought out with great clearness of detail and add much to the value and attractiveness of the book. Further description of the contents, etc., will be found in the advertisement on another page of this paper and we predict a large demand. Copies may be ordered from HORTICULTURE at the publisher's price, \$2.00, postage paid.

The following pledge to the National Food Administrator adopted by the Iowa nurserymen at their meeting in Des Moines last month strikes us as sensible and patriotic:

"Resolved, That we nurserymen in conference assembled tender our services gratuitously to the owners of fruit trees everywhere in the matter of instruction for the immediate rejuvenation of barren and under-productive trees to make them fully productive. We urge the agricultural colleges and nurserymen everywhere and wherever possible to increase the production of fruit as food from present orchards for the winning of America's war.

"We respectfully suggest that the National and State food administrators include in all their propaganda for increased food production this agitation and admonition to spray, prune, cultivate, fertilize and otherwise so handle as to bring into full and immediate production all orchards and fruit trees of whatever kind or where ever located.

"We respectfully suggest that this resolution be given wide and general dissemination by all food administrators, publications and other interests working for the winning of the war."

LEMON OIL CO'S STANDARD SOLUBLE INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

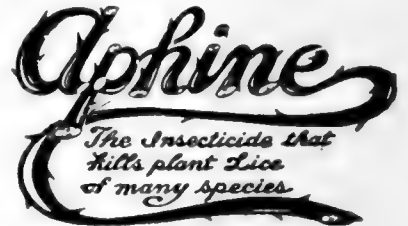
1/4 Pint, 30c.; Pint, 50c.; Quart, 80c.;

1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00.

Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

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For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.50.

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USE WIZARD BRAND

CONCENTRATED PULVERIZED
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The Florists' standard of uniform high quality for over ten years. Specify: **WIZARD BRAND** in your Supply House order, or write us direct for prices and freight rates.

THE PULVERIZED MANURE CO.
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NIKOTEEN

For Spraying

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Ask Your Dealer For It.

NIKOTINE MFG. CO.

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Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,

Harry A. Bunyard, Mgr.

NITRATE AGENCIES CO.

106 Pearl St., New York

Sectional Greenhouses

For Commercial and Private Growers

Anyone who can handle a hammer can assemble this greenhouse. We furnish all the necessary hardware. When once erected it can remain as a permanent greenhouse, or it can be taken apart and re-erected elsewhere if necessary.



The house illustrated stands $5\frac{1}{2}$ ft. wide by 12 ft. long. It is made of Gulf-Cypress and can be attached to the residence or garage, or put up as a separate detached house. Has two glass ends and doors. Equipped with 2 plant benches, ventilating arrangement both sides.

Has plenty of head room and wide walk. This same house can easily be made larger at anytime, by adding our ready made, exact fitting units. We build greenhouses of all styles and sizes and go anywhere in the United States to submit plans and prices.

Metropolitan Material Co. 1297-1325 Flushing Ave., Brooklyn, N.Y.
PATENTED GREENHOUSES

DREER'S

FLORIST SPECIALTIES
New Brand New Style
"RIVERTON" HOSE

Furnished in lengths up to 100 ft. without seam or joint.

The HOSE for the FLORIST

$\frac{3}{4}$ -inch, per ft., 17 c.
Reel of 500 ft., " 16 $\frac{1}{2}$ c.
2 Reels, 1000 ft., " 16 c.
 $\frac{1}{2}$ -inch, " 15 c.
Reels, 500 ft., " 14 $\frac{1}{2}$ c.

Couplings furnished

HENRY A. DREER
714-716 Chestnut St.,
PHILADELPHIA, PA.

IMPRESSIVE COAL FIGURES.

Testifying before the Senate Sub Committee, Harry A. Garfield, U. S. Fuel Administrator announced facts concerning the nation's fuel situation that are of public concern and should specially interest persons having an available supply of wood.

Production of anthracite coal for 1917 is estimated at 84,000,000 tons, an increase of about 11,000,000 tons over 1916. Bituminous coal mined in the United States during 1917 was approximately 552,770,400 tons or 50,000,000 tons more than the previous year. The total increase in supply was about 61,000,000 tons, but the demand increased 100,000,000 tons. Most of the extra demand has arisen since April, 1917, when the United States entered the war, and is largely for the needs of the government, munition plants, and public utilities supplying power to war industries.

The Fuel Administration has used its powers to stabilize labor conditions and prices so as to insure a large steady coal output for the future. But because of excessive demand, Dr. Garfield is also urging conservation of coal in every way possible and asking for a widespread substitution of wood as a fuel particularly in rural districts.

GREENHOUSES BUILDING OR CON-TEMPLATED.

Caldwell, Ida.—A. L. Murphy, two houses each 20 x 100.

Pittsfield, Mass.—Viale Floral Co., Lenox Ave., two houses.

Fishers Island, N. Y.—F. M. Van Name, Hitchings house, completed.

Bicknell, Ind.—Cottage Greenhouses, Moninger house 25 x 50, completed.

North Philipsburg, Pa.—Watchusgro Plant Farm, two houses 30 x 100, one house 12 x 60, Deutsch construction.

Worcester, Mass.—A radiator in the store of the Quarrey Floral Co., 150 Franklin street, burst on December 31, filling the place up with steam and destroying totally plants and flowers valued at \$150. It was learned that the radiator froze Sunday night and was disconnected. When it thawed all the hot water went over the floor. The steam also cracked a plate glass door. Damage was covered by insurance.

GREENHOUSES

IRON FRAME
PIPE FRAME
HOT BED SASH-GLASS
PAINT, Etc.

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The Foley Greenhouse
Mfg Co.

3275 W. 31ST ST., CHICAGO, ILL.

MASTICA



For Greenhouse
Glazing
USE IT NOW

F.O. PIERCE CO.

12 W. BROADWAY
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

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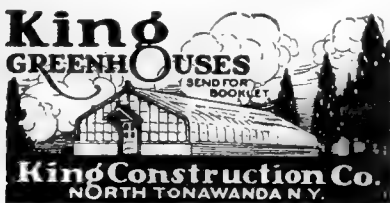
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NEW YORK, 1476 Broadway.

BOSTON, 113 State Street.

SCRANTON, 307 Irving Avenue.

PHILADELPHIA, Harrison Bldg., 15th and Market Streets.

28

Hagerstown, Md.—M. I. Brewer, who conducts The Floral Shop in the Public Square in the Humrichouse Building which was destroyed by fire on December 27, has made his adjustment with the insurance company. The temporary roof over his store has been completed. His damage ran to about \$600.

Dreer's Peerless Glazing Points For Greenhouses

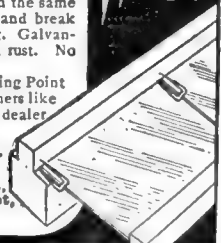
Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid.

Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2



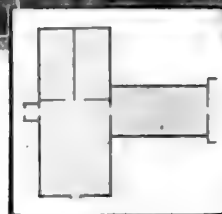
When writing to advertisers kindly mention HORTICULTURE.

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address, JOHN G. ESLEE, Sec., Saddle River, N. J.



Erected for Mr. A. Koshland, Beverly Cove, Mass.

This Layout Cuts Coal Costs



COST of coal counts these days. That's why we are taking special pains in our plans to lay them out to cut coal costs.

The one above does.

Does, because of the close grouping of greenhouses, work room, garage and gardeners and chauffeurs apartments. The greenhouse is shielded from north winds by the two-story garage.

Grouping all the buildings completely together, does away with much surface exposed to the weather.

The one boiler can heat the entire layout; and everybody knows that one large boiler can be run with decidedly less coal than two or three small ones.

Since we have been giving this coal cost cutting more exacting consideration, many economies have been worked out which we may be able to work in on a layout for you.

Talk it over with us and see.

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NEW YORK, 1170 Broadway

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The Years of Satisfactory Service have won it its place. *There are no substitutes.*

For any kind of Sash use the Advance Operator

Also we have our complete line of GREENHOUSE FITTINGS which are always so handy.

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If you need a boiler in a hurry telephone or telegraph at our expense

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BUY SOMETHING

from the firms whose seasonable advertisements appear in this paper. They take the initiative and it is now "up to you" to make the next move in the process which is to make livelier business and better times for us all.

BUY NOW

Vol. XXVII

No. 3

JAN. 19

1918

HORTICULTURE



Malus Arnoldiana

A Hybrid of *Malus floribunda* and one of the Hybrid Forms of *M. baccata*. Hardest-quest of all the ornamental apples. Photographed at the residence of Wm. J. Stewart, Winchester, Mass.

LILIUM GIGANTEUM*Just received from Japan*

7-9 in. cases of 50 bulbs	Per 1000
8-10 in. cases of 300 bulbs	\$55.00
10 in. cases of 200 bulbs	70.00
	80.00

ALL BLACK STEMS

For Immediate Delivery

J. M. THORBURN & CO.

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LILY BULBS

FALL SHIPMENT

Giganteum, Formosum, Rubrum,
Multiflorum, Magnificum, Auratum,
Album, Melpomene, Etc.Shipments distributed from New York,
Chicago, Philadelphia, Denver, London
(Ont).Write for IMPORT prices, stating quan-
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95 CHAMBERS ST., NEW YORK**ROSES**

ALL THE POPULAR VARIETIES

Own Roots or Grafted

CARNATIONSRooted Cuttings of all the best commer-
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Ready for Immediate Sales

	Size Pot	100
ASPARAGUS Sprengerii.....	2 1/4-in.	\$3.00
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SMILAX	2 1/4-in.	3.00

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Bedding Plants and Roses**Nursery Stock**Fruit and Ornamental Trees, Shrubs,
Small Fruits, Clematis, Evergreens
and Bees.

Write for Trade List.

W. & T. SMITH COMPANY, Geneva, N. Y.**BOBBINK & ATKINS**Nurserymen, Florists
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RUTHERFORD, NEW JERSEY

We are booking orders rapidly for the two sensational

ROSE NOVELTIES FOR 1918**Columbia and Ophelia Supreme**It is definitely known that there will be a shortage of
Manetti so it will be a case of "first come—first served," on
grafted stock.

Grafted, \$35 per 100. Own Root, \$30 per 100

CHARLES H. TOTTY,

MADISON,

NEW JERSEY

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6 and 7 inch pots, 4 to 5 ft. spread, \$4 and \$5 each

POT GROWN BOSTON AND ROOSEVELT FERNS

9 and 10 inch pots \$2 to \$4 each

BIRDS' NEST FERNS4 inch 50 cents; 4 1/2 inch 75 cents; 5 inch \$1.00. A few specimen
7 inch at \$2.50 each**A. M. DAVENPORT, Watertown, Mass.****PRIMULA MALACOIDES TOWNSENDII**

PLEASING LILAC ROSE

A Revolution in the Baby TypeFirst-class certificates of merit awarded
by New York Florists' Club, Nassau Coun-
ty Horticultural Society and Oyster Bay
Horticultural Society.Out of 2-inch pots, \$1.50 per doz., \$10.00 per
100; 3-inch pots, \$2.00 per doz., \$15.00 per
100.

Individual flowers as large as a 25c.-piece.

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SMITH'S**REVISED CHRYSANTHEMUM MANUAL**

(Third Edition)

The best work on Chrysanthemum Cul-
ture. Both amateur and florists have been
provided with articles for their special
needs.One Hundred and Six Pages. Only 50c.
Postpaid.**ELMER D. SMITH & CO., Adrian, Mich.****HOLLAND NURSERIES**BEST HARDY RHODODENDRONS,
AZALEAS, CONIFERS, CLEMATIS,
H. P. ROSES, SHRUBS AND HER-
BACEOUS PLANTS.**P. OUWERKERK,**218 Jane St. Westchester Heights
P. O. No. 1, Hoboken N. J.**ROBERT DYSART**

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
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HATBORO, PA.**HILL'S EVERGREENS**BEST FOR OVER HALF A CENTURY.
Small, medium and large sizes supplied.
Price list now ready.**THE D. HILL NURSERY CO.**Evergreen Specialists. Largest Growers in
America.

BOX 418, DUNDEN, ILL.

FERNS from 2 1-4 inch PotsBOSTONS—\$5 per 100, \$40 per 1000.
WHITMANII IMPROVED—\$5 per 100, \$40
per 1000.
WHITMANII COMPACTA—\$5 per 100, \$40
per 1000.
ROOSEVELTS—\$5 per 100, \$40 per 1000.
TEDDY, JR.—\$5 per 100, \$45 per 1000.
250 at thousand rates.**H. H. BARROWS & SON, Whitman, Mass.**In Writing Advertisers
Kindly Mention
HORTICULTURE

BUY SOMETHING
from the firms whose seasonable advertisements appear in this paper. They take the initiative and it is now
"up to you" to make the next move in the process which is to make livelier business and
better times for us all.
BUY NOW

ROSALIND

(A Glorified Ophelia)

fragrant. In habit of growth Rosalind is identical with Ophelia, from which it is a sport. It originated with us two years ago, and grown side by side with Ophelia, is far superior to that variety.

Awarded First Prize at International Flower Show, New York, March, 1917, for best new rose.

Awarded additional Silver Medal at same show for display of Rosalind.

Awarded Silver Medal by the Horticultural Society of New York.

Awarded Silver Medal by the Tarrytown Horticultural Society. Also numerous certificates

WILL BE DISSEMINATED SPRING OF 1918

See illustration of ROSALIND on cover of HORTICULTURE, issue of December 8, 1917.

Strong plants, 2 1/4-inch pots, \$25.00 per 100, \$225 per 1,000; 250 plants for \$60.00.

F. R. PIERSON, Tarrytown, N. Y.

Specialists in Specimen Stock for Landscape Work

Hardy Rhododendrons, Azaleas, Boxwoods, Hollies and a Complete Line of Coniferous Evergreens.

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Iris, Lilliums, Lycoris, ETC.

For Fall Delivery
JOHN LEWIS CHILDS, Inc.

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Orchids, Conservatory Plants, Novelties, Begonias, Garden Perennials

Finest Stock in America for Trade or Private Requirements
RUTHERFORD, NEW JERSEY

IF in need of RELIABLE NURSERY STOCK

that is well grown, well dug and well packed

Send to the BAY STATE NURSERIES
Wholesale and Retail **NORTH ABINGTON, MASS.**

AMERICAN CARNATION SOCIETY.

Additional classes for the Boston Exhibition.

No. 57. Mark Roper offers \$10.00 for the best fifty blooms of carnation Albert Roper. This class to be classed with Section C.

No. 58. The Gardeners' and Florists' Club of Boston offers \$25.00 in gold for the best collection of six vases of carnations, in six varieties, fifty blooms to be shown in each vase.

Entries may be made in these two classes up to the time set for staging, without the payment of fine.

A. F. J. BAUER, Secy.

CHICAGO TO BOSTON.

The Chicago Florists' Club has chosen the New York Central (Lake Shore) Railroad for conveying members and friends to the convention of the American Carnation Society at Boston, Mass., January 30-31, leaving La Salle street station, Chicago, Monday, January 28 at 5.30 p. m., due in Boston the evening preceding the convention at 8.35, affording reasonable margin for possible delays. Friends from the north, west and southwest are invited to join the party at Chicago and others enroute. This train is due at way stations as follows:

Toledo, Monday.....	11.05 P. M.
Cleveland, Tuesday.....	2.00 A. M.
Rochester, Tuesday.....	6.47 A. M.
Syracuse, Tuesday.....	10.30 A. M.
Albany, Tuesday.....	1.55 P. M.

The fare each way is \$23.10, plus \$1.85 war tax. Pullman fares are: Lower berth \$5.50, war tax 55 cents; upper berth \$4.40, war tax 44 cents. It

is urgently necessary, that on account of congested traffic, reservations be made at once by addressing W. C. Hazard, City Passenger Agent, 100 South Clark street, Chicago; telephone Randolph 5300.

MICHAEL BARKER,
Chicago Florists' Club
Transportation Committee.

CLUB AND SOCIETY NOTES.

At the annual meeting of the Rhode Island Horticultural Society, held at the Public Library, Providence, on Wednesday, January 16, 1918, Wilfrid Wheeler, secretary of the Massachusetts State Board of Agriculture, delivered a lecture on Small Fruits and Berries.

The Maryland vegetable growers organized Dec. 18 under the name of The Maryland Vegetable Growers' Association, with the following officers: President, James S. Smith, Brooklyn; vice-president, Fred Hirst, Cambridge; secretary-treasurer, E. F. Stoddard, College Park.

The following officers of the Newport Horticultural Society have been elected for 1918: President, Frederick Carter; 1st vice-president, A. C. Potter, Jr.; 2nd vice-president, C. M. Bugholt; recording secretary, Fred P. Webber; financial secretary, William Gray; treasurer, Richard Gardner.

The Worcester County (Mass.) Horticultural Society has announced a course of lectures Thursday afternoons. "Seeds Bewitching," will be

the subject of a lecture by W. H. Faulkner of Washington, Conn., January 24. Danforth P. Miller of the Sumner Fruit Company will talk on "Fruit Culture," January 31. James W. Erwin of New York will speak February 7 on "The Industrial Side of California." February 14 will bring a lecture on "Growing and Exhibiting Flowers," by Allan J. Jenkins of Shrewsbury. Howard W. Selby of Springfield will tell "How to Market Perishable Products," February 21. The spring exhibitions are scheduled for Thursday and Friday, March 7 and 8.

Members of the Albany, N. Y., Florists' Club and guests to the number of about 40 were present Thursday evening, Jan. 3, at the annual meeting, at which Earl S. Shaw was installed as president. Following the short business session the members went to Keeler's, where dinner was enjoyed. Edward P. Tracey, as toastmaster, called upon the majority of those present, and they responded with short remarks on trade and other subjects. Among the speakers were: Ralph M. Ward and Roman J. Irwin of New York, Walter E. Cook of Cleveland, Ohio, and Louis H. Schaefer of Albany, who told of the outlook in the seed business and strongly advised the growers present to buy what seeds they can get as soon as possible. Retiring President J. J. Haggerty and his predecessor, Fred Henkes, were presented with gold-mounted briar pipes, Mr. Haggerty receiving also a silver mounted silk umbrella.

WHY NOT CHANGE OVER FOR A WHILE

"You want me to speak right out frankly, I assume. So I am going to tell you that for a little while, at least—the most important thing you can do is to keep a tight hold on your patience and see that both feet are kept planted solidly on the ground."

The above quotation is not by me, but is in perfect accord with present circumstances affecting the florists and especially the growers of flowers. No use to dwell upon any tales of woe as to the havoc and damage caused by the recent cold spell and by the still remaining shortage of fuel. The damage has been done and is serious, for many greenhouse men amounting to almost complete disaster. *Almost* complete and certainly going to be wholly complete, unless the unfortunate victim shakes himself into shape, reads the above quoted passage over and over until he knows it by heart and then on the strength of it resolves to make a new trial, so as to get a new foothold for himself.

I tell you the future can hold no terrors

For any sad soul while the stars revolve,

If he will but stand firm on the grave of his unfortunate errors,

And instead of regretting, Resolve, Resolve!

It is never to late to begin rebuilding.

Though all into ruins your life seems hurled,

For look! How the light of the "New Year" is gilding

The worn, wan face of this bruised world.

Now, quoting and reading verses and things may be all right in its way and even pleasant, but a grower with his houses or part of them frozen solid or not having a chance of getting coal enough to keep his place warm enough for roses or carnations so that they will pay him, wants to know p. d. q. what move he is going to make next. If the grower is somewhat wise he will be careful at the same time to grab something safe and solid, something that will give him a show to get out of the hole and to leave the hole where he will never see it again.

For a flower grower it is not a very handy thing to switch off onto something outside his accustomed line and to feel sure that it will pay him a reasonable return, without his investing a bunch of dollars in the new venture. Still, there is at the present time just a chance at hand, where from now or a little later on until the first or last of June, a grower can start, raise and sell a crop not costing him much and selling for a good value, presuming the man has gumption enough to ask a paying price.

Last year the call for young vegetable plants, surprised everybody and the supply in all lines and of all kinds was in no way equal to the demand, so much so that prices for young tomatoes, cabbages, celery, leek, onions, etc., went sky high and many a grower made a pretty penny. The same conditions will without doubt prevail this year and very likely the demand will be very much stronger and the quantity asked for much larger.

If I had had my greenhouses frozen up or if I should contemplate reducing the present output of flowers, on account of the present low price, I should proceed about as follows: I should not waste any coal on any house that does not now produce a paying crop, but should let the house or houses lay idle for a while. About the 20th or 25th of February I should sow in flats enough of

tomatoes, cabbage, etc., to fill my house, houses or benches with the plants after they have been pricked off into 2 or 2½ inch dirt bands. And let me tell you right here, it will take a lot more of the plants than some of you may think, so it will be well to measure the available space correctly beforehand and that lot of plants if well grown will also bring a lot of money and pay big for the trouble.

The seed can be sown in flats in a greenhouse or in a mild hotbed and for four weeks the plants will not require much room. By this time the house or houses that have been without heat can be started up and the seedlings pricked off into other boxes 2 inches apart each way, or into 2 or 2½ inch dirt bands. I had things managed in this way last spring and pricked my plants off into 2 inch dirt bands and they did exceedingly well. The bands can be set into flats or into shallow boxes that hold two dozen or fifty. Or they can be set on the bare boards of the benches, then filled and planted. There should be no soil under the bands, just the bare board,—the idea is to keep the plants from growing too rank and time them for sale properly.

It will be well not to grow any of the tall-growing kinds of tomatoes. Chalk's Early Jewell and Dwarf Champion made an excellent show in the bands and when the people had been made to see how easily the plants would transplant without being checked, there was no trouble in getting a largely advanced price at any time or from anybody and the more the people saw of those plants the more people wanted them. My plants last spring were kept on the cool side surely at night and hardly ever had more than 42 degrees as long as firing was needed. In the daytime they got plenty of air and reasonable and seasonable temperature. The watering was done as carefully as possible, only when absolutely needed and then well, and early in the forenoon as it is advisable not to have the leaves next the ground moist at night.

The point is to raise the plants with as little coal and as strong and sturdy as can be done, so as to have at selling time something good enough for people to be willing to pay a good price for. In a lively town or village a little judicious advertising from the very start of the planting season will bring customers quick enough and if, in the ad., mention and explanation is made regarding the advantages of the dirt bands so much the better for all concerned. The plants in the dirt bands will be away ahead of any raised in pots: they will not dry out so often on a warm, windy day and will always have a much better color.

If on account of the soil getting somewhat exhausted towards the end (very rich soil should not be used at pricking off-time) the plants should fall off in color, a sprinkling of any kind of fertilizer, mixed with soil, will bring the plants to reason in almost less than no time. *But do not overdo it.*

Now, I think this is one way to keep one's patience. Show and use a lot of it, "keep both feet to the ground" and not only resolve to rebuild, but to actually do it.

Gustave Thommen.

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Patriotic co-operation

No better evidence of the unswerving patriotism and loyal support of the Government in the measures which have been adopted as ways and means to the successful prosecution of the war can be asked for than the willing acquiescence in the many arduous rules of living and business conduct which have been prescribed for the people of the United States; and the patient forbearance under the discomforts and self-denials thus forced upon all. The florist industry, as it appears to us, is a particularly shining example of uncomplaining compliance with the exactions imposed upon it under conditions exceptionally difficult. It is most gratifying to note that government agents, whose own duties are arduous and burdensome enough in these strenuous times, seem disposed to recognize and appreciate more clearly and more sympathetically than do many private citizens the magnitude of the peculiar hardships which the florist has been compelled to labor under and how courageously he is trying to cope with them all.

Club activities

There are florists' clubs and florists' clubs; there are horticultural societies and horticultural societies. Some of these bodies are models of usefulness and progressive

activity; others we rarely hear about and then only in the most apathetic fashion even in centres where a goodly number of able and prosperous florists are located. Others, again, we find working self-complacently in a disproportionately narrow groove, and exerting a very restricted influence as compared with their position and opportunities. One small group or even a single individual in office can usually either "make or break" an organization—run it down by selfish negligence or boost it from mediocrity into popularity and influence by the sheer exercise of a magnetic personality and virile policy. The number of new members gathered into an organization during one's incumbency in office is only one test of a successful administration. There are other equally essential factors to be considered, as, *who* compose the membership, their comparative standing in the community, and whether the truly representative element are to be found amongst them; also *what* is being accomplished that is of permanent value and whether this measures up favorably with what is being done elsewhere in the way of meeting immediate needs. At the present time there is plenty of work cut out for every florists' club and horticultural society and if it is not being zealously and industriously followed up, there's something decidedly wrong somewhere, beyond any doubt.

Drastic business restrictions

The new regulations put into effect this week regarding the hours of opening and closing places of business in Boston for the purpose of fuel saving affects the wholesale flower trade quite seriously. The wholesale growers' market people were much perturbed over the order limiting their hours from 7 a. m. till 12 noon, but the modification just announced, extending the limit until 2 p. m. has smoothed over the situation and gives a feeling of relief generally. The wholesale dealers, being permitted to keep open for business until 6 p. m. have little to complain of but the restriction against their opening up before 9 p. m. bore hard upon them until they secured permission to open between 7 and 9 a. m. for the purpose of filling out-of-town orders. At first glance the arrangement as now in effect might appear to benefit the wholesale dealers, and under former conditions when the flowers sold by these houses were handled largely on a commission basis this would have been the result, but the growers' markets as now conducted in this city are not so seriously competitive with the wholesale dealers as formerly, but are, in fact, the main source of supply for the latter, who have come to prefer this method as more profitable and altogether more satisfactory than the old style of selling for the growers on commission. It is even predicted by some that the closing of the markets at 2 p. m. will have a tendency to stiffen up market values as the dealers will now find it necessary to gamble a little in futures and will be forced to lay in a supply of flowers in anticipation of possible afternoon requirements instead of waiting until orders are in hand and buying simply whatever may be needed to fill same. So while the new regulations are not likely to find jubilant favor with any branch of the trade and will tend to produce more or less derangement and complications the extent and ultimate results of which cannot yet be foreseen, the flower people realize that on the whole they have received consideration fully equal to that enjoyed by other lines of business and that is all they could reasonably ask for.

COAL CONSUMPTION BY FLORISTS

To the Members of the Society of American Florists and Ornamental Horticulturists

You are all of you perfectly well aware that the coal situation over the country generally is a critical one. A committee, representing the Society of American Florists, met in Washington and interviewed the Fuel Commissioner on Dec. 4th. He greeted us very fairly, but emphasized the serious condition of the coal shortage, and thought that the florists should make an effort to curtail their use of coal one-third for the balance of the season.

This we agreed to do so far as could be done without seriously impairing business. Since that time the situation has become even more acute, and Mr. Gude, the Washington representative, has been summoned by the Coal Administrator to see what action the florists are taking. The matter is now in abeyance waiting for the meeting of the Executive Board in St.

Louis on Jan. 21st, at which time some action must be taken. The Executive Board of the S. A. F., at that time, will officially approve the suggestion of the United States Government, and asks every one of its members to notify the Executive Board by telegram at the Jefferson Hotel, just what their wishes and suggestions are in the matter.

Also any florist who has already conformed to the suggestions of the Fuel Commissioner and reduced his use of coal one-third, or any proportion thereof, should immediately notify us so that some tabulation can be made of the way in which the florists are meeting the critical situation.

The Government's intention is to keep every florist in business, and there is no intention of closing up any establishment but the figures for a reduction of the coal necessary will be taken on the basis of the coal con-

sumed during the past three years at each establishment.

This is the time when all members of the S. A. F. must stand together, shoulder to shoulder, but also must stand with the Government in every provision which they feel necessary to winning the war. The florist is second to none in his loyalty and now is the time for him to prove it. The S. A. F. as being the representative body of florists is looked to by the Fuel Administration to carry out its wishes. As a matter of fact, arbitrary action would have already been taken if it had not been for the successful efforts of our Washington representative, in having the matter held over until the Executive Board meeting in St. Louis, Jan. 21st.

CHAS. H. TOTTY, Pres.,
WM. F. GUDE, Wash. Rep.,
JOHN YOUNG, Secy.

S. A. F. PUBLICITY CAMPAIGN

The Promotion Bureau established by the joint committees has been organized and is now busy formulating plans for supplementing the publicity to accrue from the national magazine advertising, the schedule for which has been carefully prepared, and begins with a full page advertisement in the Saturday Evening Post of February 9th, just prior to St. Valentine's Day. In addition the Bureau stands ready to give service in any direction which may be considered as along the lines of publicity, such as furnishing sets of lantern slides for use in moving picture theatres, the preparation of advertisements for use by florists in local papers, and in general to assist publicity work in every possible way. The Bureau invites suggestions from the trade in such matters, believing that many ideas may be forthcoming which could be utilized to advantage.

A mailing list is in course of preparation which shall be thoroughly up-to-date, and kept so, all recorded changes in business being noted each week.

Copies of the page advertisement in the Saturday Evening Post, featuring St. Valentine's Day, will be mailed to all members of the S. A. F. & O. H., for display in stores, all of which it is hoped will tend to bring individual connection with the advertising campaign.

Now that the holiday season has passed it is hoped and expected that florists generally will give heed to this publicity campaign, and, if not already subscribers, will subscribe as much as they feel they are able to the fund. While we are considerably short of our ultimate aim, subscriptions are coming in nicely, and pay-

ments upon obligations are being met in a most satisfactory manner.

The florists of Boston and vicinity are responding nicely to the appeal of the local committee, the personnel of which is Patrick Welch, chairman, E. Allan Peirce, secretary, W. R. Nicholson, B. Hammond Tracy and J. K. M. L. Farquhar.

From the west comes a nice bunch of subscriptions collected by Roy F. Wilcox, Council Bluffs, Ia., chairman of the Iowa local committee. From New Jersey comes a club subscription of \$50 from the Essex County Florists' Club of Newark. Other clubs are getting their membership into line, and quite a little support is expected from such sources.

Chairman Henry Penn of the Publicity Committee is working hard in his official position and is most enthusiastic as to the outcome of the campaign. He will attend the meeting of the Executive Board of the S. A. F. to be held in St. Louis on January 21-22, at which he will present a report covering the progress of the work up to that time. He is constantly in touch with Major O'Keefe of the O'Keefe Advertising Agency, who is leaving no stone unturned to advance the campaign.

Chairman Asmus of the Finance Committee reports the following additional subscriptions:

By Roy F. Wilcox, Council Bluffs, Ia. (Annually for Four Years): David Moore, Perry, Ia., \$5.00; C. H. Helled, Eldora, Ia., \$5.00; Jas. L. Denmond, Marshalltown, Ia., \$10.00; Richey Floral Co., Albia, Ia., \$5.00; Gardiner Floral Co., Council Bluffs, Ia., \$10.00; Kirkwood Floral Co., Des Moines, Ia., \$50.00; I. O. Kemple, Marshalltown, Ia., \$100.00. (One Year): Bills Floral Co., Davenport, Ia., \$10.00; Bassett & Washburn, Chicago, Ill., \$100.00; C. A. Nokes, Sac City, Ia., \$5.00.

By Chicago Committee (Annually for Four Years): Jas. Psenicka, Gross Point, Ill., \$10.00; Gould Co., Nargo, Ill., \$10.00.

By Secretary's Office (Annually for Four Years): C. D. Otis, Lake Charles, La., \$5.00; R. J. Orr, Vineland, N. J., \$5.00. (One Year): Boston Flower Exchange, Inc., Boston, \$50.00; Essex Co. Florists' Club, Newark, N. J., \$50.00.

Total, \$430.00. Previously reported from all sources, \$28,287.00. Grand total, \$28,717.00.

JOHN YOUNG, Secy.

January 12, 1918.

GET IN LINE FOR PUBLICITY.

Just a word to our Brethren of Floraldom in anticipation of the glorious campaign now being prepared by the Publicity Committee.

To those who have not as yet contributed to the fund now being voluntarily subscribed allow me to say, that you will be amply repaid many times your contribution when you receive the pamphlet outlining our campaign, and the various magazines, store-signs and booklets pertaining to our new slogan, "SAY IT WITH FLOWERS."

Show your appreciation to the cause and the general good it will do the trade by voluntary contributing, rather than by being personally solicited. You will derive more satisfaction personally, and it will make you bigger men in the estimation of your fellow-florists.

Just a word in closing:—Two of our members on the committee, after hearing of our plan and layout, said at the meeting in Cleveland, that if our campaign spells success, they would each raise their own appropriations to \$1,000.00 for every year afterward.

That's the spirit we are going to arouse in every member connected with floriculture, grower, wholesaler, supply-men and retailer, alike.

HENRY PENN, Chairman,
National Publicity Campaign.

CLUBS AND SOCIETIES

MASSACHUSETTS HORTICULTURAL SOCIETY.

The annual meeting of the Massachusetts Horticultural Society was held at the cultural hall, Saturday, January 12. The principal business of the meeting was the delivery of an address by the president and the reading of the annual report of the officers and chairman of the various committees of the society.

In his address, President Salmonstad stated that owing to war conditions and the necessity of conservation of the resources of the society to meet possible emergencies during the coming year it had been deemed advisable to cut out substantially all money prizes from the Schedule of Exhibitions. He said that the society should actively assist in some recognized war charity or work for the benefit of our soldiers in the field and it is planned to make all the important shows of the year pay shows, the net receipts to be given to the Red Cross or other war relief work.

He did not agree with the proposition recently made that the growing of flowers is a pure luxury and ought to be given up during war times. He said flowers surely are not so much of a luxury as costly clothing or jewelry worn chiefly to attract the eye, or the many attractive but not necessary fittings of our homes. When one considers the great amount of happiness and real pleasure that can be given to the sick and the wounded he said that flowers should be the last of all luxuries to be forced out by dire stress of war.

The treasurer reported a deficit of \$3781.93 for the year 1917.

There was a fine floral display at the meeting, especially that of R. & J. Farquhar & Co., who adorned the stage of the hall with a magnificent group of *Buddleia asiatica*, grown to standards, underneath which were arranged pots of *Azalea Kaempferi* and ferns. There was also a fine display of carnations. S. J. Goddard exhibited F. Dorner & Sons' new seedling No. 148, which was awarded honorable mention. A. A. Pembroke, Beverly, showed the new sport White Benora, which also received honorable mention, and the new variety Elizabeth, for which he was awarded a silver medal.

Strong adverse criticism was made by W. N. Craig and other members of the action of the trustees in eliminating the money prizes that had been previously published in the preliminary schedule for the 1918 spring exhibitions.

At a meeting of the trustees of the society held the same day Prof. Niels Ebbsen Hansen of Brookings, South Dakota, was awarded the George Robert White Medal of Honor for the year 1917. This award was made in recognition of the valuable work done by Prof. Hansen in the introduction and hybridization of new varieties of economic plants and fruits suitable for the arid regions of the Northwest.

The following named persons were elected to corresponding membership

Meetings Next Week

Monday, Jan. 21.

Houston Florists' Club, Beach Hotel, Houston, Texas; Macle, Houston Florists' Club, Chamber of Commerce Rooms, Houston, Texas; New Jersey Horticultural Society, Orange, N. J.

Tuesday, Jan. 22.

Newport Horticultural Society, Newport, R. I.; Dutchess Horticultural Society, Poughkeepsie, N. Y.

Wednesday, Jan. 23.

Oyster Bay Horticultural Society, Oyster Bay, N. Y.

Friday, Jan. 25.

Connecticut Horticultural Society, County Bldg., Hartford, Conn.; Abbeville County Horticultural Society, Red Bank, N. J.; Pasadena Horticultural Society, Pasadena, Calif.; People's Park Cottage Gardeners' Association, Paterson, N. J.

Saturday, Jan. 26.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

Tuesday evening, January 15, was Ladies' Night with the Gardeners' and Florists' Club, and a large gathering was present to see the new officers inducted and enjoy J. Otto Thilow's lecture on the Life and Vegetation of the Hawaiian Islands. Rain and slush made the conditions rather unpleasant for ladies to venture out but there was a goodly number of them in the audience and a liberal collation of ice cream, cake and coffee helped to repay them for the discomfort endured.

The meeting was opened by the retiring president, James Methven, who introduced A. P. Calder as installing official, a position which that veteran is admirably equipped to fill. He put the business through in accepted formal lodge style with sage advice, eloquent and merry wit. He reminded the officers that "sitting in the lime light and getting applause is not all that is expected of them," and urged faithful attention to the duties devolving upon them. President A. K. Rogers, Vice-president Carl P. Sweetzer, Secretary W. N. Craig and Treasurer S. J. Goddard were severally installed and each promised his best in the service of the club. Mr. Goddard took occasion to speak of the coming meeting of the American Carnation Society and urged the members to do all possible individually and collectively to make the meeting and the exhibition a complete success and the stay of the visitors from afar a pleasure. The new president spoke briefly and made a most excellent impression as a presiding officer. Four new members were proposed. A motion by Robert Cameron asking the trustees of the Massachusetts Horticultural Society to call a meeting of that society to discuss the recent decision of the trustees to eliminate all cash premiums from the prize schedule for the coming year was carried unanimously.

President Rogers named the following committees:

Exhibits—W. H. Judd, chairman; Robert Cameron, Herman Bartsch, Kenneth Finlayson, P. W. Burke, S. J. Goddard, Wm. Downs, James Methven, F. E. Palmer, C. Holbrow.

Entertainment—D. Finlayson, chairman; W. C. Rust, A. F. Hills, Frank H. Allison, J. Miller, J. Richardson, Walter Goldy, P. J. Turley, J. T. Slayter and A. J. Wollrath.

Welcome—John F. Briery, Robt. E. Montgomery, John L. Russell, Frank Murray, Fred. Cave, J. L. Porter and Donald B. Sutherland.

Mr. Thilow's lecture was grand. That versatile gentleman was in his best vein, the pictures were high class and altogether his effort was a pronounced success and thoroughly enjoyed.



J. OTTO THILOW

in the society: Isaac Bayley Balfour, Regius Keeper, Royal Botanic Garden, Edinburgh, Scotland; Desire Bois, editor *Revue Horticole*, Paris, France; Leon Chenault, Orleans, France; William C. Egan, Chicago, Ill.; Bertrand H. Farr, Wyomissing, Pa.; Prof. Niels Ebbsen Hansen, Brookings, South Dakota; Charles L. Hutchinsons, Chicago, Ill.; Mrs. Francis King, Alma, Mich.; J. Horace McFarland, Harrisburg, Pa.; Dr. George T. Moore, St. Louis, Mo.; Dr. Walter Van Fleet, Washington, D. C.; F. Gomer Waterer, Bagshot, Surrey, England.

The second in the winter course of lectures was given at two o'clock before a large audience by Edward I. Farrington, on the Arnold Arboretum. It was handsomely illustrated with numerous colored lantern slides.

NEW YORK FLORISTS' CLUB.

A regular meeting of the New York Florists' Club was held in the Grand Opera House building, Monday, Jan. 14, and 160 members were present.

The meeting was called to order by Retiring-President Stumpp, who thanked the members, officers and committees for the support given him during the past year, and requesting the same support be given to the incoming president, Charles Schenck. In his remarks Mr. Stumpp mentioned especially Secretary Young, who had assisted him in many ways in carrying on the work to a successful issue. Peter Duff and Alex. H. Donaldson as trustees were introduced and promised to fulfill their respective offices to the best of their ability.

The treasurer's report showed receipts of \$7,899 and total resources now invested \$16,928.03.

The secretary reported 71 new members added during the past year, making the total membership at present 441. Flower show profits for the past four years were as follows: 1914, \$410; 1915, \$2,297.44; 1916, \$4,041.53; 1917, \$3,821.60.

Chas. B. Weathered, Chairman of the Flower Show Committee, gave a detailed report of the meeting of the joint committee which had been held in the afternoon, and this report was most optimistic. In the opinion of the committee, there was nothing to fear but what the coming exhibition would be a success.

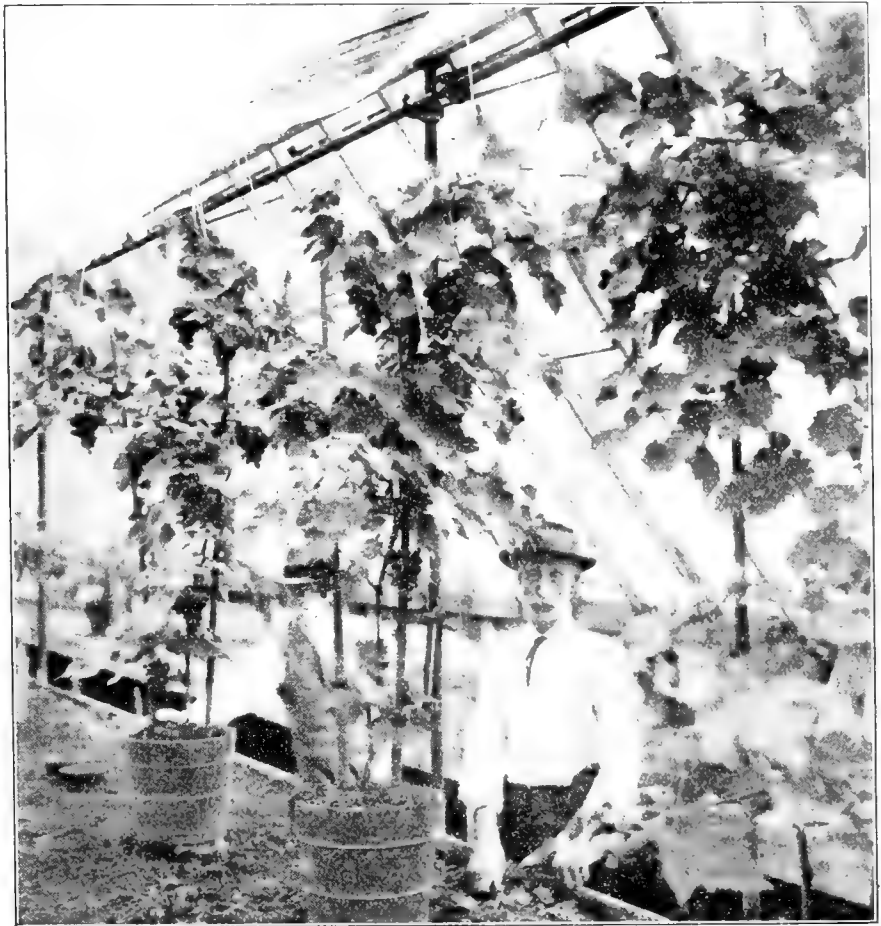
J. K. Polykranas, Ed. Boylan and Ed. Deery were elected to membership and 29 new names were proposed.

The Secretary read the acknowledgments from the boys at the front for the "kits" sent them at Christmas time. A letter was submitted from the gardeners of the park department of Brooklyn, complaining that they had been removed from the civil service list and put in the laborers' class and requesting the assistance of the Club in taking the matter up with the Civil Service Commission so that they would be placed back on the civil service list as heretofore. Later the secretary was authorized to take up this matter with Alex. E. Hogg.

The Board of Trustees were instructed to secure a box in the safe deposit vault for the securities and other valuable papers of the Club and to recommend which officer of the Club should be in possession of the key to the box, such official to be properly bonded, premium to be paid by the Club. A committee was appointed to take up the question of the annual banquet and instructed to make a detailed report at the next meeting.

It was decided that it should be made known to the public through the trade press that the office of the president of the Club would be the headquarters for visiting florists who are in the Federal Service, and if any florist in the country has relatives in the Army or Navy who are likely to be in the vicinity of New York, they are to notify either the secretary or treasurer, who will see that they are properly entertained. It was recommended that a publicity committee for the Club be appointed, with E. C.

FRUIT FOR DECORATIVE USE



While it cannot be classed among the essential food crops yet the production and use of choice fruit grown under glass merits greater attention than has thus far been given to it by the florist trade. There is room for a limited supply of such products in any one of the larger towns, to say the least. The accompanying picture shows grapes as grown for table decoration and refreshment by Sam. Murray of Kansas City, Mo. The

variety is Black Hamburg and Mr. Murray's experience is that grown in this manner they are both popular and profitable.

In the background stands Mr. Murray and in front is William Sharpe who has been with Mr. Murray for over thirty years, an excellent plantsman and "true as steel." Their friendship dates from 1881 when they met as fellow workmen at Peter Henderson's.

Vick as chairman. A committee was also appointed to look up more suitable and better ventilated meeting room, this committee to report at the next meeting.

A transportation committee was appointed to make the necessary arrangements for the next S. A. F. Annual Convention and National Flower Show. This committee was given authority also to canvas the East in the interests of those who intend to make exhibits in St. Louis, and endeavor to secure a special car or cars to carry the exhibits to St. Louis. Many members addressed the meeting calling the attention of the members to the importance of the coming National Flower Show, urging them all to assist in every way possible in making this exhibition a success.

The secretary was instructed to furnish President Schenck with the necessary credentials as a member of the S. A. F. Executive Board. The Board of Trustees was instructed to prepare a budget for the year's ex-

penses and present same at the next meeting.

A vote of thanks was ordered to be sent to the Sun Publishing Co., The Evening Sun, E. C. Vick, and the writer of the article which appeared in the Evening Sun on Jan. 9, entitled, "Flower Gardens as Usual." This kind of publicity seemed to make a big hit with the members of the Club.

W. A. Manda moved an amendment to the Constitution and By-Laws fixing the secretary's salary at \$500. Vase of carnations was exhibited by Mrs. John F. Marsden.

The following committee were appointed: Awards: Jos. Manda, chairman; J. H. Fiesser, Arthur Herrington, Peter Duff, A. Kottmiller, S. G. Milosy, Henry Weston.

Exhibition: Charles W. Knight, Henry C. Riedel and three others.

House: Phil F. Kessler, Victor Alzen, Alex. H. Donaldson, Henry Hoffman, Hamilton Henry.

Chairman P. F. Kessler of the House Committee and President Schenck

were the host of the evening and treated the members to a very nice spread.

President Schenck's Address.

After considerable time in having me selected as retiring officer and packing him up to pay for the Club's property, President Schenck presented the following:

It should be the work of every member to denounce any attempt that may come to their knowledge to decry our business and refer to it as a non-essential. This Club should take its stand with other trade bodies and demand the recognition which our industry is entitled to: first: By virtue of its many millions of dollars invested; second: by the large army of help it employs; and third: by the many by-products and accessories that accrue to make it a vast institution. And I may add that had not these astute business men whose money is invested in this business seen that it was a necessary business they surely would not have gone into it to the extent they have. We need flowers and all other products that greenhouses produce just the same as the air we breathe.

It is needless for me to recapitulate the many propositions which have been previously brought before the Club, but I have some suggestions to make, and if they meet with your approval I trust favorable action will be taken on them. My object in offering these suggestions is, that every member should give his views and that every item can be thoroughly discussed. First: that to honor our past-president, Charles H. Totty, who now is president of the S. A. F., we bend every energy to increase the membership of the national society out of our own members, that we may have the proper representation in the S. A. F. that our Club, which is the largest of its kind, is entitled to. Second: that the Club pass a resolution giving the president the necessary credentials for representation on the Executive Board of the S. A. F. Third: in addition to any members that may be on the National Flower Show Committee we elect or appoint a member to properly represent this Club in an official capacity. Fourth: to institute a registered Club head-quarters to be either at the secretary's or president's office or elsewhere as may be decided upon, where all enlisted soldiers connected with members of florists' families can present themselves when in the city or at nearby camps, so that they can be properly cared for, if necessary; or entertainment given. Fifth: that a transportation committee be appointed for the coming Convention and Flower Show, which occur simultaneously at St. Louis this year.

The Publicity Campaign is now one of the most earnest undertakings of the S. A. F. and one which we must do our best to further, as we are helping ourselves in this undertaking even more than we realize, and while we may not see any immediate results a steady pressure will soon show the wisdom of this vast undertaking, and eventually we shall see the advancement and the increase in flower demand appear. I recommend that a com-

mittee be appointed representing the New York Florists' Club for the purpose of securing subscriptions for this most commendable movement.

Seventh: I recommend that all bonds and valuable papers now held by officers of the Club shall be placed in a safe deposit vault, that access to them be had only by the proper officer selected by the Club, such officer to be sufficiently bonded, and bonding expenses to be paid by the Club.

Eighth: I also recommend that our annual dinner be held as usual, for, of the many features which may contribute to our continued success, I believe the annual dinner for which a good many of our members and their ladies are always anxiously waiting, to be an essential, and with a judicious committee in charge, it can be held, and kept within the proper limit of expense.

Ninth: I want to say that the refreshments as they have been dispensed by our worthy chairman, Mr. Kessler, are a credit to the Club, for there every reserve is thrown off, sociability reigns, many good and kindly friendships are stimulated and the inner man always satisfied. By all means, keep up your friendship with the House Committee.

Finally, gentlemen: Look to your dues. Our secretary, Mr. Young, has mountains of work before him and he, above all, is best fitted for all this work; and if you keep up to date with all your financial obligations the secretary will be thankful and the Club appreciative. I also would suggest that a budget for the coming year's expenses be created.

NEW ENGLAND NURSERYMEN'S ASSOCIATION.

The Seventh Annual Convention of the New England Nurserymen's Association will be held at Hotel Bellevue, Boston, Mass., on Tuesday and Wednesday, January 29 and 30.

Officers: President, A. P. Horne, Manchester, N. H.; vice-president, W. W. Hunt, Hartford, Conn.; secretary, Daniel A. Clarke, Fiskeville, R. I.; treasurer, V. A. Vanicek, Newport, R. I.

The program is as follows:

Tuesday, January 29, 1 p. m.—Organization, President's Address, Reports, Appointment of Committees.

2 p. m.—"Fertilizers for the Nursery," Dr. H. J. Wheeler, Boston, Mass.; "Home Propagation," V. A. Vanicek, Newport, R. I.

6 p. m.—Annual Dinner.

Wednesday, January 30, 9:30 a. m.—Election of Officers.

10 a. m.—"Labor Problem in Nurseries," Representative of J. I. Case Plow Works, Racine, Wis.; "An Experience Meeting," Prof. W. C. O'Kane, Durham, N. H.

2 p. m.—"An Embargo on Nursery Stock," Curtis Nye Smith, Boston, Mass., Counsel American Association of Nurserymen; "Insect Pests," a discussion by Entomologists.

The Rochester Florists' Association last evening at its annual meeting on January 15 re-elected all of its officers as follows: President, Hubert B. Stringer; vice-president, Fred Thomann; secretary, Ambrose H. Secker; treasurer, George T. Boucher.

CHICAGO FLORISTS' CLUB.

The regular meeting of the Chicago Florists' Club was held on Thursday, Jan. 10th, at the Briggs House. Installation of officers was the chief order of business and the honors of the occasion were carried off by Paul Klingensporn, who with his usual pleasant manner duly installed Fred Lautenschlager, president; O. J. Friedman, vice-president; Otto Amling, treasurer; Allie Zech, secretary, and T. E. Waters, trustee. The following committees were then announced: Sports and Pastimes—Ed. Enders, James P. Foley, R. Kurowski; Transportation—M. Barker, who shall name two others; Good of the Club—T. Waters, who shall name two others. The Publicity Committee and a committee on Public Gardening are to be announced at the February meeting. It was decided to run another special advertising campaign for Mothers' Day and St. Valentine's Day.

A letter from the retiring president, W. H. Amling, was read expressing his regret that illness had prevented his carrying out the work he had planned as president last year and his hope that he might assist in the coming year.

Mr. Copperthwaite, representing Michell's, Phila., was a visitor and gave a talk on methods in the east. Chas. Loveridge of Peoria, Ill., was also a visitor. E. G. Hill of Richmond, Ind., was made an honorary member. The next meeting will be "Novelty night."

Inaugural Address of President Fred Lautenschlager

In assuming the presidency of our club I do so with the full knowledge of its responsibilities and opportunities and I pledge you the best I have to serve you with loyalty and efficiency. It is with pride that I look backward upon the activities of the Chicago Florists' Club, and I take this advantage to express my appreciation of the splendid work that has been done by this organization, of which every member may well feel proud.

The Chicago Florists' Club has for some time held the foremost position amongst floral organizations in this country, and with its record of many successful enterprises, as the Floral Art and Novelty Display, the Valentine and Mothers' Day Advertising Campaigns, the Y. M. C. A. War Fund Flower Sale, and other enterprises of local and national character, which the club has handled so successfully, you have set a very high standard for greater work and possibilities.

There are many duties before us for the coming year, but we can only continue to render creditable service with the cooperation of all, and I know every one will respond to the call. The question of trade welfare is of such vast importance to every one in the trade these days, and I feel it is my duty to say a few words of the good work that is being done by our Mother Organization—the Society of American Florists and Ornamental Horticulturists. This organization is working out our trade problems and by indefatigable work of its able committees, this Society has brought

NEW TOMATO "STAMFORD BEAUTY"

THE FINEST OUTDOOR TOMATO THE WORLD HAS EVER SEEN

Awarded highest honors wherever exhibited. Winner of five Certificates of Merit from Horticultural and Agricultural Societies. "Stamford Beauty" resembles the old favorite Stone Tomato, but is earlier, sweeter and has a handsome color finish of deep scarlet.

"Stamford Beauty" is a strong healthy grower, and a *MOST WONDERFUL* cropper, producing a wealth of large beautiful smooth Tomatoes from early summer till late fall.

"Stamford Beauty" will give you full reward for your money and labors. Plant some this year.

Seeds grown in 1917, packed and sold in originator's sealed packets only.

Price per Packet, 25 Cents.

Mailed free on receipt of price.

ANTHON PEDERSEN

Fairlawn,
Stamford Conn.

about many improvements in trade conditions.

During the past year our National Society has probably accomplished more for our welfare than during any preceding year, and there is no one of our trade in this country who has not benefited thereby. Take for instance the wonderful work accomplished in regard to the coal situation. Consider the great benefits of our National Flower Shows, and the advantages that will be gained by the National Publicity Campaign for Flowers, the work of its representatives at Washington, D. C., and its Tariff and Legislation Committee, and our School and Convention Garden work. Committees have been appointed on National Credits and Collection Bureau, and on the development of American Products.

It is needless to say that all these matters are of interest to all, and, as stated by President-elect Charles Totty in his New Year's Greetings:

"If there ever has been a reason for the existence of the Society of American Florists as a live body to look after the interests of its members, that time is now, and any florist that expects to stay in business, that is not a member of the National Society, is not playing fair with his fellow florists."

Gentlemen, this strikes the key note. It cannot be disputed that we owe a great deal to the National Society, and by reaping the benefits of its good work, every one in the trade is duty-bound to become a member. At the present time, the Chicago Florists' Club has an S. A. F. membership of 109. This is very creditable indeed. Every one in our club is eligible for membership in the Society of American Florists, and we should make every effort to increase this number at once.

One of the questions of the moment is the subject of **Publicity**, and in speaking of publicity I want to lay particular stress upon the necessity of both national and local advertising for our trade welfare. Plans have already been laid for a National Campaign and Floral Advertising by the Society of American Florists, which contemplates an expenditure of \$50,000 for the coming year. This movement is already in actual operation; the first series of advertisements will appear in page form in the Saturday Evening Post, Feb. 6, and subsequent

announcements will follow immediately thereafter. Chicago has already sent in fifty-two subscriptions to this fund, amounting to \$3,000, but there are a great many of the trade still to be heard from. Every one in the trade in Chicago, who has not yet subscribed, should do so at once, in order to make a success of this movement.

The business outlook for 1918 on the whole is very encouraging. Millions of people will have more money to spend by far than during any previous year, and this remark applies especially to the masses. Money will be spent for the necessary and desirable things, including flowers. One thing is certain, that if florists of this country grasp the situation, and plan to urge the people who have the money to spend, the flower business will be exceedingly good, and by making the coming year the best year for all business, we will then do our part to help win the war.

To my mind, local advertising is so fundamental to national advertising that we should immediately formulate plans for a local campaign of advertising for trade promotion which is to link with the national enterprise. Funds for a local campaign can be easily obtained; in fact, a nucleus has already been established for such a fund by the Chicago Wholesale Florists' Organization of this city. The members of this organization have established a fund of \$4,500 for advertising purposes. A part of the same has already been diverted to the national campaign, and of the balance, a goodly portion has been set aside for local purposes. Local trade publicity is of such great importance that I deem the appointment of a standing committee on publicity one of our greatest needs, and trust that this recommendation will be acted upon and approved at this meeting.

We are facing a time in the history of America when it is the duty of every one from the humblest to the highest to co-operate with our Government, and therefore, we, as members of a horticultural organization can lend a helping hand in connection with the great garden movement which is sweeping over the country, and it would be proper that we should at once adopt a resolution endorsing this work, and to offer every assistance possible, under the direction of a

standing committee to be appointed specially for this purpose.

One of the problems also before us is in securing a larger attendance at our meetings. There must be no letting down in the spirit of the meetings; there must be a marked character given to the meetings which will attract the retailer, the wholesaler, the grower and allied tradesman, and thereby induce the needed growth of our Club to secure to it the influence that can only be exerted through an impressive number of the best representatives of all branches of the trade. In order to bring about a better attendance and also to stimulate a greater interest at our meetings, I suggest that we adopt the custom to place the social feature of each meeting in charge of a committee which shall conduct this portion of our meeting on such a plan as they may perfect; this committee, of course, is to work in conjunction with the Good of the Club committee. The social features of all meetings shall be conducted by the chairman of the special committee immediately upon the close of the business session.

In conclusion, I wish to extend a cordial invitation to every one in the trade to participate at our meetings, and would especially urge our members to bring a florist friend to our meetings at any time.

NEW BEDFORD (MASS.) HORTICULTURAL SOCIETY.

At a meeting of the New Bedford Horticultural Society held January 7 the following officers were elected for the ensuing year:

President, Leonard J. Hathaway, Jr.; vice-president, Joseph A. Nolet; corresponding secretary, J. M. Taber; financial secretary, Walter K. Smith; treasurer, Walter A. Luce; executive committee, Frank G. Tripp, chairman; James Armstrong, James Garthley, J. Arnold Wright, Thomas H. Hughes, Louis W. Macy, Joseph T. Figuereido and Andrew J. Fish; entertainment committee, Frank C. Barrows, Nathaniel J. Sowle and George H. Reynolds.

It was voted to hold the regular annual flower show this year as usual. The treasurer's report showed that the society is in flourishing condition. The shows have been successful. Membership is now over 200.

CATALOGUES RECEIVED.

H. G. Hatcher, Inc., Ma. Ga.
Catalogue No. 1918. A
valuable list of
the space
given up to the
vegetable seeds, and
the

J. Bolgiano & Son, Baltimore, Md.—
1918 Catalogue of Garden and Field
Seeds. Impressive list of covers in
colors and symbols, the fourth an
improvement on the previous existence.
Very complete catalogue of vegetable
seeds, and well printed. A very
creditable production.

W. E. Marshall & Co., Inc., New
York City. 1918 Catalogue and Price
List of Marshall's Seeds. For a 14
year old the catalogue is creditable
and has a fine presentation. There
is an appetizing list of novelties and
specialties in both vegetable and
flower seeds, filling five pages, and the
implement list is an excellent one.

Bertrand H. Farr, Wyomissing, Pa.
Farr's Hardy Plant Specialties. A
real de luxe publication with numer-
ous superb illustrations and a dozen
showy plates of irises, peonies, lark-
spurs and columbines in full color.
The cover is in keeping with the
elaborate inside makeup, cream tint
with an artistic adornment in soft
colors of Japan iris. For exact infor-
mation as to varieties of irises, peo-
nies, etc., this catalogue is a reliable
guide.

Henry A. Dreer, Philadelphia, Pa.—
Dreer's Garden Book, 1918, Eightieth
Annual Edition. 260 pages. Exter-
nally the most attractive and dainty
publication which has come to us this
season. Covers in "robin's egg" blue
with gold embossed lettering. Inter-
nally a characteristic Dreer Catalogue,
profusely illustrated and comprising
in the text in full detail the entire field
of vegetable and flower seeds, plants
hardy and tender, horticultural sun-
dries, etc. Four full-page inserts in
full color.

Charles H. Totty Company, Madis-
on, N. J.—Chrysanthemums, Roses,
Carnations, Hardy Perennials; 1918.
He who wishes to learn about the

KELWAY'S REAL PRICE SEED

WHOLESALE CATALOGUE for 1918

has been posted to all the seeds. If you
have not received a copy, please send a
card and one will be sent to you by return
of post.

KELWAY & SON

Wholesale Seed Growers

LANGPORT, SOMERSET, ENGLAND

LILIUM GIGANTEUM

7 to 100 per case, 10 to 100 per thousand
8 to 100 per case, 10 to 100 per thousand
9 to 100 per case, 10 to 100 per thousand

Complete List of Florists' Choice Seeds.
A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.

1004 Lincoln Bldg., PHILADELPHIA, PA.

WE Can Offer to Advantage On Spot— Ready for Immediate Shipment.

HIGH GRADE TESTED GARDEN SEED
WHITE CLOVER
CRESTED DOGSTAIL
RYE GRASSES
ORCHARD GRASS
RAPE SEED
PRICKLY SEEDED SPINACH
CHOICE RECLEAVED ONION SETS

Write for Our Prices and Samples

J. BOLGIANO & SON

Founded 1818. We Have Won Confidence for 100 Years

BALTIMORE, MD.

Send for Our Complete Market Gardeners' and Florists' Price List.



Send for our Wholesale
Florist Catalogue Now
Ready.

Florists' Seeds for Early Sowing

STOCKS: Early Giants of Nice (Originators' Strain).
Trade Pkt. 60 cts.; Ounce \$1.00.
SALATA SPLENDENS: Trade Pkt. 25 cts.; Ounce \$1.50.
ZURICH: Trade Pkt. 75 cts.; Ounce \$1.00.
BONFIRE: Trade Pkt. 25 cts.; Ounce \$2.50.
PETUNIA: California Ruffled Giants. Trade Pkt. \$1.00.
PETUNIA: Giant Perfection Hybrids Double. 500 seeds
75 cts.
VERBENA: Mammoth Strain all colors. Trade Pkt.
30 cts.; Ounce \$1.50.

BULBS

GLADIOLI BEGONIAS CANNA TUBEROSES

FOTTLER, FISKE, RAWSON CO.

The Seed Store 12 and 13 Faneuil Hall Sq., Boston

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes
Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of
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latest and best introductions in the
specialties above mentioned will turn
with confidence and pleasure to this
catalogue with its lucid descriptions
and grand portraits of the new things
now offered for the first time and the
sterling selections from the introduc-
tions of past seasons. This is a very
inspiring catalogue, the best in our
opinion that Mr. Totty has yet sent
out. In printing, illustration and cov-
er it leaves nothing to be desired.

Hagerstown, Md.—The first loss in
connection with the fire at the Hum-
richouse building last week was ad-
justed by Stonebraker & Co., who set-
tled with Mrs. M. I. Brewer, who con-
ducted the Flower Shop. Mrs. Brewer
will reopen her shop as soon as the
building is restored.

NEW CORPORATIONS.

Elmhurst, Ill. — Elmhurst Green-
houses, capital stock, \$15,000. Incor-
porators, Edgar Struve, D. W. Buff-
ham and F. J. Arnett.

Washington, D. C.—The O. A. C.
Oehmler Co., florists; incorporators, O.
A. C. Oehmler, R. L. McMackin and
R. H. McMackin.

GLADIOLI

IMMEDIATE SHIPMENT

	Per 100	Per 1000
PANAMA, top roots..	\$5.00	\$45.00
AMERICA, " " "	3.00	25.00

Write for Prices on Other Varieties

Arthur T. Boddington Co., Inc.

128 Chambers St., New York City

MICHELL'S NEW CROP FLOWER SEEDS

FOR FLORISTS

ASPARAGUS PLUMOSUS NANUS

Northern greenhouse grown. Extra quality. True to name.

100 seeds, \$0.50; \$3.50 per 1,000
5,000 seeds, \$15.50; \$30.00 per 10,000

Send for General Wholesale Price List
of Seeds, Bulbs, Plants, Specialties
and Sundries.

HENRY F. MICHELL CO.

518 Market St., PHILA., PA.

Choice Flower Seeds FOR FLORISTS

CINERARIA—Prize strains, mixed
Tall and Semi-dwarf.

ALYSSUM—Little Gem.

CALENDULA—Orange King, Lemon
Queen.

SNAPDRAGON—Silver Pink.

BEGONIA—Vernon.

J. M. THORBURN & CO.

Established 1802.

35 Barclay Street, NEW YORK

KELWAY & SON SPECIALIZE IN SEEDS

(personally selected strains)

WHOLESALE ONLY

Write for Special Prices, Spot or
Forward

Only Address, LANGPORT, Eng.

Paper White Narcissus Lilium Candidum Amaryllis, Callas Cold Storage Lilies

Write us for price

AMERICAN BULB CO.

170 W. Wabash Ave. CHICAGO, ILL.

ROMAN J. IRWIN

108 West 28th St., NEW YORK

CHOICE FLORISTS' FLOWER SEEDS

Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengeri—1000 Seeds, \$1.00.

Salvia Bonfire—1/4 oz., 50c.; 1 oz., \$2.00.

Salvia Zurich—1/4 oz., 75c.; 1 oz., \$1.00.

Stocks Beauty of Nice, 75% Double Flowers

—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; 1/4 oz., \$2.00; 1 oz., \$5.00.

Snapdragon, Petunias, Verbenas, etc.

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LEONARD'S SEEDS

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FOR SALE BY

LEONARD SEED COMPANY, Chicago, Ill.

SPAWN

PIN MONEY

8 lbs. for \$1.00

Treatise — How to Grow Them
Included

WM. ELLIOTT & SONS

42 Vesey St., New York

BURNETT BROTHERS

Importers and Growers of

SEEDS, BULBS, PLANTS, &c.

98 Chambers Street, New York

THOMAS J. GREY COMPANY

SEEDS, BULBS AND IMPLEMENTS
WHOLESALE AND RETAIL.

Reselected Strains in Seeds.

Improved styles in Implements.

Catalogue upon application.

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GARDEN SEED

BET, CARROT, PARSNIP, RADISH and
GARDEN PEA SEED in variety; also other
items of the short crop of this past season,
as well as a full line of Garden Seeds, will
be quoted you upon application to

S. D. WOODRUFF & SONS

82 Dey St., NEW YORK and ORANGE, CONN

LILIUM GIGANTEUM

New Crop Now On Hand

For immediate or future delivery
prices quoted on application

JOSEPH BRECK & SONS' CORP.

47-54 North Market St., Boston, Mass.

W. E. MARSHALL & CO.
SEEDS, PLANTS AND BULBS
Horticultural Sundries

166 W. 23rd St., NEW YORK

Burpee's Seeds
PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
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Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.

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Transfer Your Orders to

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Deliver orders from any part of the country to

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We Cover all Points in Maine

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Of Interest to Retail Florists**NEW FLOWER STORES.**

Sherman, Tex.—Albert Koehle.

Fayette, Ala.—Mrs. J. A. Carroll.

York, Neb. York Floral Company, Dean Theater Building.

Dallas, Tex. Dallas Floral Co., Oriental Hotel building.

Newport, R. I.—Samuel, Jr., and John L. Smith, 91 Broadway

New York, N. Y.—The Cadieux Company, 1003 Madison avenue.

Chicago, Ill.—A. J. O'Leary, 369 E. 47th street, succeeding Miss Charlotte Megchelsen.

Portland, Ore. — Liberty Florist, Washington and Thirteenth streets, Geo. Betz, manager.

BUSINESS TROUBLES.

New Lennox, Ill.—J. D. Thompson Carnation Co., voluntary petition in bankruptcy; assets, \$28,273.39; liabilities, \$18,523.

Buffalo, N. Y.—J. Benson Stafford, 72 West Chippewa street, filed petition in bankruptcy, on January 14, listing liabilities at \$25,700.76 with assets of \$8,783.37. Of the debts \$20,861.03 is represented by note given to Richard H. Stafford of 58 Arlington Place, Buffalo. The other debts are small open accounts with various concerns of this city.

New Haven, Conn.—Carl C. Buck, a florist at No. 29 Broadway, has filed a petition in bankruptcy in the United States court and he made oath that he did not have the money to pay the filing fee. He has liabilities of \$2,072.82 and \$1,477.82, of the amount is unsecured. Assets consist of stock in trade, valued at \$500, interest in automobile, valued at \$75, fixtures in store, valued at \$500, and debts due on open accounts, \$5,395.

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At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

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Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address Dardsflor.

We should all strictly adhere to the request of the United States Food Administration.

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**Artistic Designs . . .
High Grade Cut Blooms**

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FLOWER DELIVERIES FOR ALBANY
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THOS. F. GALVIN
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Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
KNOBLE BROS.
1896 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

HESS & SWOBODA
FLORISTS
Telephones 1501 and L 1532.
1415 Farnum St.,
OMAHA, NEB.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506. Long Dist. Bell Phone 2121
Members Florists' Telegraph Delivery

S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
Stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.
WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

ST. VALENTINE'S AND MOTHERS'
DAY STAMPS AND POSTERS.

Dear Sir:—The great success of the co-operative St. Valentine's and Mothers' Day advertising campaign, conducted by this organization brought many requests from the florists of this country and in response same will be again undertaken for this year upon a national scale for the welfare of the trade at large.

Stamps and posters will be offered at last season's prices. There will be no advance in the cost.

In case any profits are derived from the sale of these stamps and posters, the Chicago Florists' Club will immediately transfer fifty per cent. of the net proceeds to the Society of American Florists as a country-wide contribution to the National Publicity Campaign for Flowers and the remainder will be reserved for future publicity purposes.

Buy a quantity of these stamps and

Say It With Flowers

posters at once—combine your order with your neighbor florists and obtain the quantity rate. This will reduce the cost, and thereby also insure and organize a campaign of advertising for your entire community.

Send names and addresses and list of stamps and posters wanted by every florist in your city, and we will make delivery direct without extra charge. Get busy—telephone your brother florists—it will help your business and theirs.

Everyone in the trade will use these stamps and posters this season—do likewise—this is your opportunity—it will identify your business with the National Campaign at small cost and with the benefits obtained you will be well rewarded. Remember that fifty per cent. of the net proceeds of the sale of these stamps and posters will be given to the Society of American Florists for its National Publicity Campaign, and the remainder will be reserved for future publicity purposes. No individual profit to any one—a Campaign conducted by the florists for the florists.

Price Lists and Order Blanks on application to Chicago Florists' Club, Advertising Committee.

F. LAUTENSCHLAGER, Chairman, 440-472 W. Erie St., Chicago, Ill., GEORGE ASMUS, MICHAEL BARKER.

Rochester, N. Y.—Geo. T. Boucher is building a large ice box in his basement.

Hugo Teute is disposing of a lot of azaleas which were left over from last year.

ST. LOUIS, MO.

FRED C. WEBER
4326-28 Olive St.

Member Florists' Telegraph Delivery Association
NOTICE INITIALS. We have one store only

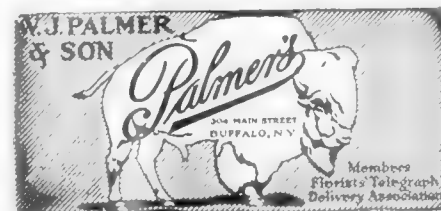
THE J. M. GASSER COMPANY,
CLEVELAND
Euclid Avenue

The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for any occasion, in any part of the Dominion.
JOHN H. DUNLOP
8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.
EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all Northwestern points given prompt attention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

BEAUTIES

Orchids - Cypripedium
White Lilac

Just remember that we are Headquarters for them
and we can supply you with good stock.

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

EDWARD REID WHOLESALE FLORIST

1619 - 21 Rastead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

5 So. Mole St., PHILADELPHIA, PA.

FLORAL NURSERIES

GROWERS AND WHOLESALERS
Greenhouses, Edgely, Bucks Co., Pa.
Office and Wholesale Store, 9 So. Mole St.,
PHILADELPHIA PA.
Bell Phone Spruce 889
Our Specialties — ROSES and CARNATIONS

E. G. HILL CO.

Wholesale Florists
RICHHMOND, IND.

Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS
Consignments Solicited
Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO



TRY
Horticulture's Advertisers
FIRST
Before Looking Elsewhere
Tell Them You Did So And
They'll Reciprocate

POEHLMANN BROS. CO.

Supply of Best Cut Flowers all the Year Around
72-74 EAST RANDOLPH ST., - - - CHICAGO.

If interested, send us your name and address for our weekly price list

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON Jan. 17		ST. LOUIS Jan. 8		PHILA. Jan. 14	
Roses						
Am. Beauty, Special	5.00	to 50.00	40.00	to 50.00	40.00	to 50.00
" " Fancy and Extra	15.00	to 25.00	30.00	to 40.00	15.00	to 35.00
" " No. 1 and culls	4.00	to 8.00	3.00	to 10.00	5.00	to 12.00
Russell, Euler, Mock	4.00	to 12.00	5.00	to 15.00	4.00	to 30.00
Hadley	4.00	to 15.00	3.00	to 15.00	4.00	to 15.00
Arenberg, Hoosier Beauty	4.00	to 12.00			4.00	to 12.00
Ward	4.00	to 10.00	4.00	to 8.00	4.00	to 8.00
Killarney, Radiance, Taft	4.00	to 12.00	5.00	to 8.00	3.00	to 12.00
Ophelia, Sunburst, Hillingdon	4.00	to 15.00			4.00	to 12.00
Carnations	1.00	to 3.00			4.00	to 4.00
Cattleyas	25.00	to 35.00			60.00	to 50.00
Dendrobium formosum		to 50.00				to 60.00
Lilies, Longiflorum	8.00	to 10.00	8.00	to 12.00	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	4.00	to 6.00	3.00	to 6.00
Callas	12.00	to 16.00	10.00	to 12.00	12.00	to 15.00
Lily of the Valley	6.00	to 10.00	8.00	to 10.00	5.00	to 10.00
Snapdragon	6.00	to 10.00	3.00	to 6.00	4.00	to 12.50
Bouvardia	2.00	to 3.00			3.00	to 4.00
Violets	.50	to 1.00	1.00	to 1.25	.40	to 1.00
Freesia	2.00	to 3.00	3.00	to 5.00	4.00	to 5.00
Narcis, Paper White	1.00	to 2.00	3.00	to 4.00	2.00	to 3.00
Roman Hyacinths	1.00	to 3.00	3.00	to 4.00	2.00	to 3.00
Stevia	1.00	to 1.50			1.00	to 1.50
Calendula	2.00	to 3.00			2.00	to 4.00
Mignonette	3.00	to 4.00	2.00	to 4.00	2.00	to 4.00
Sweet Peas	1.00	to 2.00	1.50	to 2.00	.00	to 2.00
Marguerites	2.00	to 4.00	1.00	to 3.00	.50	to 2.00
Gardenias	15.00	to 35.00			10.00	to 35.00
Adiantum	1.00	to 1.25	1.00	to 1.00	.75	to 1.00
Smilax	20.00	to 25.00	12.00	to 20.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs)	15.00	to 50.00	30.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568 570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

The markets are well **BOSTON** supplied with flowers of all kinds but the quantity in sight is due not so much to heavy production as to the light demand which, while somewhat better than it was, still lags behind a fair seasonable average. Not much change has taken place in the matter of wholesale prices, the only radical development being a sharp advance in market value of all roses and in all the grades of same from culls to specials. Violets have never been seen here in finer quality but they move slowly. The carnation is in a bad way, judging from the quantities seen on all sides, many of them giving unmistakable evidence of their long, long vigil waiting for the buyer who never came. Carnation values, it may be emphatically asserted, are away below the cost of production. Bulbous flowers continue plentiful, of course.

It is more than probable that the flower sales of the past week were the lowest in the history of many of the firms, either wholesale or retail. Florists realized as never before how impossible a business becomes when transportation fails. Just as the snow fall, reported one week ago, began to be disposed of another followed and a complete cessation of railroad traffic followed. Week-end orders that were filled on Friday were returned by the express company and all orders for Saturday and Sunday had to be refused by the wholesale houses. At this writing, Jan. 14th, local trains are running occasionally but the express companies are not receiving consignments and any flowers have to be sent by messenger. The retailer did not fare much better on sales for the week end, for street cars were blocked on many lines. The near-by growers are sending in stock today and business will soon be normal again.

Business, though not particularly brisk, still is fair, and the supply is sufficient to take care of all needs. Prices are lower than they were immediately after the holidays and shipping business is good. Carnations have become plentiful. The same is true of narcissus. A good supply of roses, lilies and callas is available. Sweet peas are selling nicely. The first jonquils of the year came in last week. Other seasonable things in usual supply.

This market is in a very unsettled condition and liable to cut up any sort of an antic in the matter of flower values at any moment. There is no stability to anything, although perhaps it is safe to say that roses are more steady than most other things now in the market. The assortment is very large and buyers have an unprecedented variety to choose from, quality being very good as a rule. Carnations are a big disappointment all around. The quality varies greatly but the prices are so low that there is little room for any variation. When sales are made the good quality



LILAC

In quantity with us, of splendid well-grown quantity.

Good full sprays \$1.50 per bunch.

S. S. PENNOCK CO.

THE Wholesale Florists of PHILADELPHIA

NEW YORK 117 W. 28th St. PHILADELPHIA 1608-1620 Ludlow St.

BALTIMORE WASHINGTON
Franklin & St. Paul Sts. 1216 H St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Jan. 14		CHICAGO Dec. 31		BUFFALO Jan. 14		PITTSBURG Jan. 2	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	30.00	to 40.00	40.00	to 50.00	40.00	to 60.00
" " Fancy and Extra.....	20.00	to 30.00	20.00	to 30.00	25.00	to 30.00	25.00	to 35.00
" " No. 1 and culls.....	10.00	to 15.00	10.00	to 20.00	20.00	to 25.00	12.00	to 20.00
Russell, Euler, Mock.....	8.00	to 15.00	5.00	to 25.00	6.00	to 10.00	8.00	to 15.00
Hadley.....	8.00	to 15.00	4.00	to 8.00	6.00	to 12.00	.....	to
Arenberg, Hoosier Beauty.....	6.00	to 12.00	4.00	to 8.00	6.00	to 15.00	.....	to
Ward.....	4.00	to 10.00	3.00	to 10.00	3.00	to 6.00	6.00	to 12.00
Killarney, Radiance, Taft.....	4.00	to 10.00	3.00	to 8.00	6.00	to 10.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon.....	6.00	to 15.00	3.00	to 8.00	5.00	to 15.00	4.00	to 12.00
Carnations.....	3.00	to 4.00	2.00	to 4.00	3.00	to 5.00	3.00	to 5.00
Cattleyas.....	.....	to 75.00	50.00	to 75.00	50.00	to 60.00	60.00	to 75.00
Dendrobium formosum.....	.....	to	5.00	to 75.00	.....	to .....	.....	to
Lilies, Longiflorum.....	.....	to 12.50	10.00	to 12.00	8.00	to 12.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	.....	to
Callas.....	8.00	to 10.00	12.00	to 15.00	10.00	to 15.00	.....	to
Lily of the Valley.....	.....	to 10.00	5.00	to 6.00	8.00	to 10.00	.....	to
Snapdragon.....	4.00	to 10.00	4.00	to 6.00	4.00	to 8.00	4.00	to 8.00
Bouvardia.....	.....	to	5.00	to 6.00	.....	to .....	.....	to
Violets.....	1.00	to 2.00	1.00	to 1.50	.....	to	1.00	to 1.25
Freesia.....	3.00	to 4.00	3.00	to 4.00	3.00	to 5.00	.....	to
Narcis, Paper White.....	3.00	to 4.00	2.00	to 3.00	3.00	to 4.00	3.00	to 5.00
Roman Hyacinth.....	3.00	to 4.00	2.00	to 3.00	2.00	to 4.00	3.00	to 5.00
Stevia.....	2.00	to 3.00	2.00	to 3.00	1.00	to 1.50	1.50	to 2.00
Calendula.....	3.00	to 4.00	2.00	to 3.00	2.00	to 3.00	3.00	to 4.00
Mignonette.....	.....	to .....	.....	to	4.00	to 6.00	3.00	to 6.00
Sweet Peas.....	1.00	to 2.00	2.00	to 3.00	1.00	to 2.00	1.00	to 4.00
Marguerites.....	.....	to 1.00	.....	to	1.00	to 1.50	2.00	to 4.00
Gardenias.....	.....	to .....	.....	to	15.00	to 20.00	.....	to
Adiantum.....	.....	to 1.00	.....	to 1.00	1.00	to 1.25	1.00	to 1.25
Smilax.....	.....	to 15.00	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	35.00	to 50.00

has first choice but the matter of value does not follow same, as it should Sweet peas are very fine, in many varieties, but the Christmas Pink color still runs far ahead of all others in popularity. There are some superb snapdragons offered but to get up an enthusiasm on them and an adequate price is out of the question.

Short roses have **PHILADELPHIA** decreased in quantity and are bringing rather better prices, but outside of that the rose situation remains about as last reported. There is little change in the carnation market. Prices average about one cent lower

than at corresponding date a year ago. Lily of the valley has dropped back from the high average of twelve dollars and is now quoted at ten which is the figure that has been ruling for nearly a year back. Cattleyas are very fine and are bringing normal prices. Cypripediums are also of fancy quality but do not bring quite the normal returns. Trumpet majors and other daffodils have made their appearance and with paper whites, freesias and Roman hyacinths make the bulbous fraternity quite an important feature. The calendula is also cutting some figure and shows a

(Continued on page 77)

H. BAYERSDORFER & CO. Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 28th St., NEW YORK
Telephone: 2206 2201, Madison Square.

WM. P. FORD

Wholesale Florist

107 W. 28th Street, NEW YORK

Telephone 2281, 2089
Establishment in the Wholesale Flower District.

JOHN YOUNG & CO.

WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Phone Farragut 4336

FRANK MILLANG

Cut Flowers—Home Grown Asparagus

BUY OR SELL, CASH

55-57 West 26th Street

NEW YORK

RIEDEL & MEYER, Inc.

Wholesale Commission

READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT

WHOLESALE FLORIST

109 WEST 28th ST

CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Wholesale and Illustrated
Catalog of Greens and Florists' Supplies.

119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 2089 FARRAGUT 131 West 28th St., NEW YORK CITY

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3864 and 8364 Madison Square

57 WEST 26th STREET

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 13—8510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending Jan. 12 1918		First Part of Week beginning Jan. 14 1918	
American Beauty, Special	20.00	to 30.00	30.00	to 40.00
" " Fancy and Extra	10.00	to 15.00	10.00	to 15.00
" " No. 1 and culls	3.00	to 5.00	3.00	to 5.00
Russell, Euler, Mock	3.00	to 10.00	2.00	to 12.00
Hadley	2.00	to 15.00	2.00	to 25.00
Auerberg, Hoosier Beauty	2.00	to 8.00	2.00	to 8.00
Ward	2.00	to 6.00	2.00	to 8.00
Killarney, Radiance, Teft	2.00	to 6.00	2.00	to 8.00
Ophelia, Sunburst, Hillingdon	2.00	to 8.00	2.00	to 12.00
Key	2.00	to 10.00	2.00	to 12.00
Carnations	1.00	to 2.00	1.00	to 2.00

**GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS**

129 West 28th Street

Tel 6237 Farragut
3583

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3632-3633 Madison Square

Frank H. Traendly Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 429-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

180 West 28th Street, Tel. Farragut 664,
NEW YORK.

Flower Market Reports

(Continued from page 65)

marked improvement in strain and color over previous years. There is little change in the greens market except that long adiantum is scarcer and that sphagnum has advanced ten per cent. Among the plant specialties we notice some very fancy *Primula malacoides*—an improved strain very well grown. These are about a foot high and well branched and make a lovely little basket plant that can be retailed for about fifty cents. One firm cleared seven hundred of them in one day and was busy booking orders the following morning.

Business has been only fair this week.

With severe weather and sunless days flowers have not been any too plentiful, although they have met the needs of all the local florists. Potted plants are selling well. Bulbous stock is in demand and amongst it is seen some splendid *La Innocence* hyacinths. Violets are slow, also yellow daisies. Roses are shortening up a little. Lilies are plentiful, but demand is light. The supply of carnations is somewhat heavier, but insufficient for the demand and good stock brings good money. Freesia, narcissus and Roman hyacinths sell nicely. Cypripediums and cattleyas are of excellent quality but do not move very rapidly. Asparagus is very scarce.

Below-zero weather with heavy snow storms have influenced the market in all branches. Growers, wholesalers and retailers have suffered jointly. Shipping, both inbound and outbound, was greatly hampered and retail transient trade was almost knocked out. Carnations and roses held their own with a downward tendency in price.

VISITORS' REGISTER.

Rochester, N. Y.—Stephen Green, rep. H. Bayersdorfer & Co., Philadelphia.

Boston—F. E. Sealy, representing Julius Roehrs Co., Rutherford, N. J.; J. Otto Thilow, of Dreer's, Philadelphia, Pa.

Chicago — A. F. Koeble, Sherman, Texas; F. M. Hardesty, rep., S. S. Pen-nock, Phila.; Rolf Zetlitz, Lima, O.; F. M. Smith, Los Angeles.

Philadelphia — Harry A. Bunyard, New York City; P. Joseph Lynch, New Castle, Ind.; J. B. Deamud, New York city; Wm. Hedley, Dingie & Conard Co., West Grove, Pa.

Providence, R. I.—Bids for seeds and fertilizers to be used by the several State Institutions were opened on January 10 by Purchasing Agent Gilbert R. Parker and after being tabulated will be considered and awarded. Bids for seeds were made by Henry C. Anthony of Portsmouth and W. A. Burpee & Co., of Philadelphia. Bids for fertilizers were submitted by the Mitchell Fertilizer Company, Nitrate Agencies Company, Armour & Co., the Coe-Mortimer Company and C. C. Reynolds.

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Jan. 12 1918	First Part of Week beginning Jan. 14 1918
Cattleyas	15.00 to 25.00	15.00 to 25.00
Dendrobium formosum	..... to 50.00	..... to 50.00
Lilies, Longiflorum	3.00 to 5.00	3.00 to 5.00
Lilies, Speciosum	3.00 to 6.00	3.00 to 6.00
Callas	15.00 to 25.00	15.00 to 25.00
Lily of the Valley	3.00 to 6.00	2.00 to 8.00
Snopdragon	2.00 to 12.00	2.00 to 15.00
Bouvardia	2.00 to 3.00	2.00 to 3.00
Violets	.30 to .50	.30 to .75
Freesias	1.00 to 3.00	1.00 to 3.00
Narcis, Paper White	1.00 to 2.00	1.00 to 2.00
Roman Hyacinths	1.00 to 3.00	1.00 to 3.00
Stevia	.75 to 1.00	.75 to 1.00
Calendula	2.00 to 3.00	2.00 to 3.00
Mignonette	3.00 to 4.00	3.00 to 4.00
Sweet Peas	2.50 to 3.00	2.00 to 3.00
Marguerites	1.00 to 3.00	1.00 to 3.00
Gardenias	15.00 to 30.00	15.00 to 30.00
Adiantum	.50 to 1.00	.50 to 1.00
Smilax	15.00 to 20.00	15.00 to 20.00
Asparagus Plumosus, & Spren (100 bunches)	25.00 to 50.00	25.00 to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Con-sign your flowers to me. I can sell them to your satisfaction.

CLARENCE SLINN, 112 W. 28 St.
NEW YORK

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755
Farragut NEW YORK

GEORGE B. HART

WHOLESALE FLORIST

24 Stone St., Rochester, N. Y.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Cincinnati — Miss M. M. Carroll is now manager of the bulb department of J. Chas. McCullough Seed Co. Miss Carroll has given up her own business in which she had been engaged during the past six years.

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103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

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We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

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Out Flowers of All the Leading Varieties in their Season.

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Boston Floral Supply Co.

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Headquarters for CYCAS, BASKETS, WIRE DESIGNS and WAX FLOWERS

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Pot Makers for a
Century and a Half**HEWS****STRONG
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POROUS****POTS**

Inc. 1904

World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****BOSTON.**

Arthur H. Houghton, of Madison, is scheduled to deliver an illustrated lecture on The Iris, at Horticultural Hall, on Saturday afternoon, January 26, at 2 o'clock.

The State Board of Agriculture has requested the Legislature for an appropriation of \$40,000 to be expended in prizes for competitive exhibits of agricultural and horticultural objects.

Representative Waterman, of Wiliamstown, with the support of Secretary Wheeler of the State Board of Agriculture, has filed a bill to authorize the purchase by the state of agricultural machinery for lease to farmers.

Gov. McCall called upon the Legislature, in a special message, to make an investigation of the uses of peat and deposits in Massachusetts with a view of ascertaining whether it can be used as a substitute for coal. There are large deposits of peat in New England.

Food Administrator Endicott desires an appropriation of \$300,000 for pursuing the campaign on behalf of "win the war gardening" during the ensuing year. In a bill filed by him in the House of Representatives on January 12 he recommended that there may be expended from the treasury of the State, under the direction of the Governor and Council, for the purpose of stimulating the production and conservation of food products and for like purposes growing out of the present war emergency, the sum of \$300,000.

The new regulations which now go into effect as to the opening and closing hours for business houses will, no doubt, cause inconvenience and loss to some but their full effect cannot be yet foreseen. Retail florists are among the very few store-people allowed to keep their places open after 6 o'clock p. m. The flower markets may do business only between 7 a. m. and 2 p. m. The wholesale dealers' regular hours are from 9 a. m. until 6 p. m., but may open to take care of shipping orders at 7 a. m. The general order to make every Monday a legal holiday for the next ten weeks and forbidding the opening of any business houses is at present moment a somewhat speculative question on which there is no settled opinion as to its relation to perishable property.

The following practical and timely bit of instruction in the care of pot plants has been widely distributed by Henry Penn by means of his advertise-

ments in the newspapers and other wise.

CARE OF POTTED PLANTS.

On cold days of winter the chances of frost, lowering and killing plants, are when they are particularly threatening. At this time it is during the coldest days that the plants require the most attention.

Never allow them to stand in front of an open window or in a cold draught. The intense dry heat in homes on extremely cold days will dry out the soil and wither or permanently injure most plants in a few days.

The pots of plants should be immersed in a pail of water for several minutes on very cold days, while in milder weather on alternate days, or even twice a week, will suffice to keep the plants in a healthy condition, with the exception of forced plants, such as azaleas or lilacs; these should be watered thoroughly every day.

We commend the foregoing to our florist readers as an example worthy of general adoption and conducive to more satisfaction on the part of customers who buy plants but are not well informed as to how to care for them.

Richard Hittinger, of Belmont, one of the leading vegetable growers in this section, has written to the selectmen of Belmont stating that the greenhouses are becoming short of fuel and will lose millions of dollars unless coal is supplied. Mr. Hittinger gives the following estimate of the greenhouse crops grown in Belmont alone, with two sets of figures, the first representing what the growers receive, the second what the consumers pay at the markets: Lettuce, 3,580,416 heads, \$198,912, \$358,941; cucumbers, 2,756,610, \$12,923, \$275,661; cress, 3,150 bunches, \$1725, \$3450; mint, 11,240 bunches, \$945, \$1348; radishes, 131,400 bunches, \$4380, \$6570; beets, 4500 bunches, \$180, \$400; parsley, 150 bushels, \$375, \$600; dandelions, 2,000 bushels, \$4000, \$5000. Total value to growers, \$340,440; total retail value as paid by customers at markets, \$651,071. The volume of business done in propagating under glass plants which are sold for outdoor spring planting is given in the same manner, as follows: Tomato plants, 73,150, \$27,806, \$54,861; cabbage plants, 20,000, \$1000, \$2000; celery plants, 3000, \$120, \$300; lettuce plants, 97,000, \$3637, \$4850; plants for 6400 bushels of onions, \$9700, \$12,400.

Watertown, N. Y.—George N. Sayles carried his greenhouses through the below-zero weather by turning the hose on the outside of the roofs so that the ice thus formed effectually sealed up all the joints and laps, thus keeping the cold air out and the heat in.

CHICAGO.

C. A. Samuelson, south side florist, left for Wendell, Idaho, to look after his apple orchard there.

Seven years ago a flower store was opened by Pehrson & Marine on the north side, and their experiences have been varied. Mr. Marine sold out to Mr. Pehrson and now the latter has sold out to the former. Mr. Pehrson will go to Florida to take up the growing of asparagus and other green for florists.

The friends of Miss Charlotte Megchelson regret that she found it necessary to sell her retail flower store at 47th street and Grand boulevard. Miss Megchelson had built up a fine trade in a very desirable location, but the unusual conditions of the year and a new store opening in her block were too much and she sold out to the new florist, Andrew J. O'Leary.

Chicago had not recovered from the first snow storm, making a record which eclipsed the records of the weather bureau, completely tying up railway traffic, before it was visited by another snow storm, with even more paralyzing effects upon the florists' business. Even telephone orders could not be filled, had the stock been in the store, as street cars were out of service on many lines and the drifts reached the depth of from five to fifteen feet, making delivery on foot impossible. As suburban trains suspended service early Saturday morning, Jan. 12th, little stock came in. Many of the florists, especially the wholesalers, live in the suburban towns and they were unable to reach their homes till Sunday afternoon. Train service now, Jan. 14th, is only partially established, and florists are not anticipating any amount of business in the next few days. The cold and wind with the second storm exceeded the previous one, making the warming of greenhouses a most difficult task. Every possible means was resorted to to save the houses from destruction and no one now in the business of growing under glass has any recollection of so severe a test of the endurance and resourcefulness necessary to save their property and stock, for the conditions are said to be unequalled for 55 years. The coal situation is most acute and only those with a supply on hand can pull through.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE

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AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

PHILADELPHIA.

A. M. Campbell is showing a novelty in Spanish iris—a large flowering, light blue, that blooms for Christmas and later—and brings unusually good prices.

Charles Pennock, son of Samuel S. Pennock, has joined the Reconstruction Corps of the Friends Society and expected to sail for France on or about the 14th inst.

Wm. Earnshaw of the Floral Nurseries says the demand for their special culture roses is very good at present and that they are getting excellent returns especially for the shorter grades.

We had a pleasant visit from Douglas P. Laird (late of Dreer's), who is now a lieutenant in the Aviation Corps, the other day and he informs us he is now through with training and is on his way to France. Of course the date of his sailing could not be given but he expected a telegram any day.

Howard M. Earl celebrated the thirty-first anniversary of his entrance into the Burpee establishment with a few friends at Dooner's on January 10. Thirty-one years of uninterrupted service with one house is a fine record and Mr. Earl looks hearty and good for another thirty-one. Long life and much prosperity to him is the wish of all—and he counts his friends around the world.

ST. LOUIS.

George Waldbart has shown signs

of slight improvement but is unable to get out yet.

The St. Louis Florist Club met on Thursday, Jan. 10, at the Wm. C. Smith Wholesale Floral Co., 40 members and all officers present. A committee was called to arrange to entertain the Executive Committee of the S. A. F. who meet jointly with the National Flower Show Committee for three days at the Jefferson Hotel, on Monday, January 21.

NEW YORK.

Judgment has been filed by the United Cut Flower Co. against Stephen Julias for the sum of \$159.00.

More than one hundred designs from which one will be selected for the International Flower Show poster this year, have been submitted by artists, known and unknown.

The past year with Lord & Burnham Company has been a prosperous one. As is the usual custom, substantial Christmas presents were distributed to all their employees.

LENOX HORTICULTURAL SOCIETY

The regular meeting of the Lenox Horticultural Society was held in the Lenox Town Hall on January 9th. Owing to weather conditions the attendance was not large, however, there were four new members added to the society, and after the usual routine business L. W. Harger, correspondent for the New York Sun, Springfield Republican and Berkshire Eagle, gave an excellent talk on newspaper work, which was much enjoyed.

At the previous meeting, December 12th, Robt. Scott, the newly elected president, conducted the business of a large meeting. Two new roses were on view at this meeting, sent by A. N. Pierson, Inc., Cromwell, Conn. Both were given an excellent character, especially "Evelyn," the red sport of Ophelia, which originated with Alfred J. Loveless, our treasurer. In competition with Ophelia Supreme it was awarded a first class certificate over Ophelia Supreme. Mrs. Henry Winnett was the other exhibit and this was also awarded a first class certificate. HENRY HEEREMANS, Sec'y.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
 Bulbs of all descriptions. Write for prices.
 NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

DAHLIA

Peony Dahlia Mrs. Frederick Grinnell.
 Stock For Sale.
 JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

DAISIES

Daisies (Bellis) Monstrosa, white and pink, also Longfellow and Snowball. Thinly sown field-grown seedlings, \$2.50 per 1000, \$11.50 per 5000, cash.

BRILL CELERY GARDENS,
 Kalamazoo, Mich.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

PANSY PLANTS

Pansy Plants, Strong and stocky. Strains unsurpassed by any for Size of Bloom or Colors. \$2.50 per 1000, \$11.50 per 5000. Cash. Satisfaction or your money back.
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PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

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Roses, Canes and Shrubs. THE CONARD & JONES COMPANY, West Grove, Pa.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

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 Difficult and rejected cases specially solicited. No misleading inducements made to secure business. Over 30 years' active practice. Experienced, personal, conscientious service. Write for terms.
 Address,
SIGGERS & SIGGERS
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The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address.
 JOHN G. ESLER, Sec., Saddle River, N. J.

LEMON OIL CO'S STANDARD INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Kills on many bugs Brown and White Scale, Thrips, Red Spider, Black and Green, Flea, Mites, Aphis, etc., without odor. Used according to directions our standard insecticide will prevent ravages on your plants.

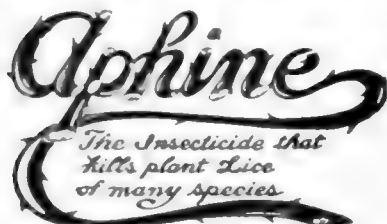
Not a poison and is safe to use and plant. Leading Gardenmen and Florists have used it with wonderful results.

Destroy Lice in Pottery Houses. Kills on Dogs and all Domestic Pets. Kills on all wash for dogs and other animals. Remove mites. Dilute with water in 1 to 50 parts.

1/2 Pint, 35c.; 1 Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; 1 Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St. Baltimore, Md.



The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.00.

FUNGINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.00.

VERMINE

For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.00.

SOLD BY DEALERS.

Aphine Manufacturing Co.

MADISON, N. J.



Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,
Harry A. Bunyard, Mgr.

NITRATE AGENCIES CO.
106 Pearl St., New York



"HAMMOND'S GRAPE DUST"

Used effectively to kill Powdery
Mildew on Roses and other Plants

USED BY THE FLORISTS FOR OVER 25 SUCCESSIVE YEARS

Sold by the Seed Dealers.
For pamphlet on Bugs and Blights address

HAMMOND'S PAINT AND SLUG SHOT WORKS
BEACON, N. Y.

Obituary

Andrew Gillison.

Andrew Gillison, well-known to many in the florist trade and builder of the Caledonian Clubhouse, where the Florists' Club of Philadelphia formerly held its meetings, died on January 13, aged 79 years.

George W. Fowle

George W. Fowle, formerly treasurer of the Massachusetts Horticultural Society and superintendent of the old Horticultural Hall at Tremont and Bromfield streets, died on Wednesday, January 16, at his home in Jamaica Plain, Boston, at the advanced age of ninety-six years.

M. C. Baldwin

Marshall C. Baldwin, aged 59 years, one of the best known market gardeners in Middlesex county, died at his home in Marlboro, Mass., on the Boston road, on January 12. He was born in Weston and lived in Wayland for many years. He came to Marlboro 10 years ago and conducted two large farms there.

August Muller.

August Muller, a widely known West Philadelphia florist, with greenhouses at 66th street and Elmwood avenue and a store at 718 Walnut street, died on January 1 after a week's illness of pneumonia. He was born in West Philadelphia fifty-eight years ago and succeeded his father in business. His wife, one son and four daughters survive.

GREENHOUSES BUILDING OR CONTEMPLATED.

Clinton, Mo.—George Martin, one house.

New Salem, Mass.—F. D. Cogswell, one house.

Noblesville, Ind.—Guy C. Sharpe, addition, completed.

Newport, R. I.—Percy A. Brightman, Vernon avenue, one house.

PERSONAL.

E. G. Hill, Richmond, Ind., accompanied by Mrs. Hill, left January 7th for Miami, Fla., for the rest of the winter.



NIKOTEEN
For Spraying
APHIS PUNK
For Fumigating
Ask Your Dealer For It
NIKOTINE MFG. CO.
ST. LOUIS

USE WIZARD BRAND CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
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Sheep Manure

The Florists' standard of uniform high quality for over ten years. Specify: **WIZARD BRAND** is your Supply House order, or write us direct for prices and freight rates. **THE PULVERIZED MANURE CO.**
24 Union Stock Yard, Chicago



Free!

A 50-gallon barrel of Scalecide free to any one who will suggest a fairer guarantee than that given below.

"SCALECIDE"

As proof of our confidence and to strengthen yours, we will make the following proposition to any fruit grower of average honesty and veracity:

Divide your orchard in half, no matter how large or small. Spray one-half with "SCALECIDE", and the other with Lime-Sulfur for three years, everything else being equal. If at the end of that time, three disinterested fruit growers say that the part sprayed with "SCALECIDE" is not in every way better than that sprayed with Lime-Sulfur, we will return you the money you paid us for the "SCALECIDE".

Send for new free booklet, "Profits in Fall Spraying".

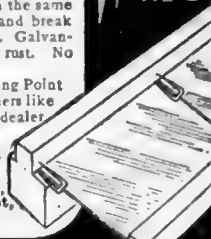
B. G. Pratt Co., Mfg Chemists
50 Church St. Dept. 12 New York

Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.
HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2



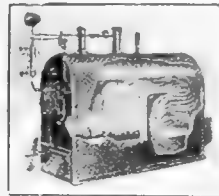


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KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate

BOSTON OFFICE: 113 State Street.

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Sectional Greenhouses

For Commercial and Private Growers

Anyone who can handle a hammer can assemble this greenhouse. We furnish all the necessary hardware. When once erected it can remain as a permanent greenhouse, or it can be taken apart and re-erected elsewhere if necessary.



The house illustrated stands 8½ ft. wide by 12 ft. long. It is made of Gulf-Cypress and can be attached to the residence or garage, or put up as a separate detached house. Has two glass ends and doors. Equipped with 2 plant benches, ventilating arrangement both sides.

Has plenty of head room and wide walk. This same house can easily be made larger at anytime, by adding our ready made, exact fitting units. We build greenhouses of all styles and sizes and go anywhere in the United States to submit plans and prices.

Metropolitan Material Co. 1297-1325 Flushing Ave., Brooklyn, N.Y.
PATENTED GREENHOUSES

CYPRESS GREENHOUSE STOCK

PECKY CYPRESS STOCK

HOT BED SASH

Ask for Circular D and Prices

THE A. T. STEARNS LUMBER COMPANY

NEPONSET, BOSTON

DREER'S "Riverton Special" Plant Tubs



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$2.75	\$30.00	\$230.00
20	18 in.	2.25	24.00	190.00
30	16 in.	1.75	19.00	152.00
40	14 in.	1.50	17.00	135.00
50	12 in.	1.00	11.00	88.00
60	10 in.	.70	7.75	62.00
70	8 in.	.55	6.50	50.00

The Riverton Tub is sold exclusively by us, and is the best ever introduced. The neatest, lightest and cheapest. Painted green and bound with electric-welded hoops. The four largest sizes are equipped with drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs, and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

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IRON FRAME
PIPE FRAME
HOT BED SASH-GLASS
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WRITE FOR PRICES

The Foley Greenhouse
Mfg Co.

3275 W. 31ST ST., CHICAGO, ILL.

MASTICA



For Greenhouse
Glazing
USE IT NOW

F.O. PIERCE CO.

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NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

PARSHELSKY BROS. Inc.

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On Ventilating Apparatus and Greenhouse Fittings

ADVANCE CO., RICHMOND, IND.

When writing to Advertisers kindly mention Horticulture

Dreer's Grand New Cannas for 1918

Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

CARMINE BEAUTY. Deep bright carmine flowers freely produced by the heavy dark green foliage which has a distinct margin. The flowers while not as large as those of Olympic are of a much brighter and more pleasing tone. 4½ ft. 75 cts. each; \$7.50 per doz.

CHEERFULNESS. No more appropriate name could be given to this brilliant novelty. Its beautiful bright flood of deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre with each petal flaked with crimson and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 5 cts. each; \$3.50 per doz.

CLOTH OF GOLD. A very attractive dwarf, compact-growing free flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

DAZZLER. True and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire red flowers. The intensity of coloring and freedom of blooming coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$3.50 per doz.

GOLDEN EAGLE. A wonderfully intense golden-yellow. Very free upright grower. The large flowers are produced in great clusters well above the foliage. 4½ ft. 50 cts. each; \$5.00 per doz.

HARMONY. Great clusters of good-sized, well-formed Germanium red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Altogether a dignified harmonious combination. 3½ ft. 50 cts. each; \$5.00 per doz.

POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

SENSATION. To get a sensational color-tone in a pink Canna, is particularly noteworthy. Our first impulse was to call it "La France," because the color called to mind the La France Rose, but the tone is even cleaner and purer; it being a lovely pale-rose. The foliage is a beautiful glaucous-green; the plant dwarf and compact. One of the most noteworthy additions to Cannas in recent years. 3 ft. 75 cts. each.

One each of the above Ten Novelties for \$4.00

New Cannas From Other Sources

We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

CLEOPATRA. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous-bronze foliage. This variety stands out strongly in effectiveness. 4 ft. 50 cts. each; \$5.00 per doz.

DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAG OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

LAFAYETTE. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 ft. 30 cts. each; \$3.00 per doz.

POCAHONTAS (Bronzed-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze; one of the best recent introductions. 4 ft. 30 cts. each; \$3.00 per doz.

SAN DIEGO. Chinese-orange or Persian-yellow. The crimped petals are remarkable for substance which enables them to withstand the hot summer sun without wilting. Another charm lies in the dark bronze color of the buds which harmonize with the rich bronze foliage. 4 ft. 15 cts. each; \$1.50 per doz.

VAROUNA. We have tried this variety for several years and at all times the bright orange-scarlet flowers, combined with the good bronze foliage, has won our admiration. A free luxuriant grower, producing its flowers well above the plant. 4½ ft. 25 cts. each; \$2.50 per doz.

One each of the Eight Varieties for \$2.00

HENRY A. DREER,

714 and 716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only

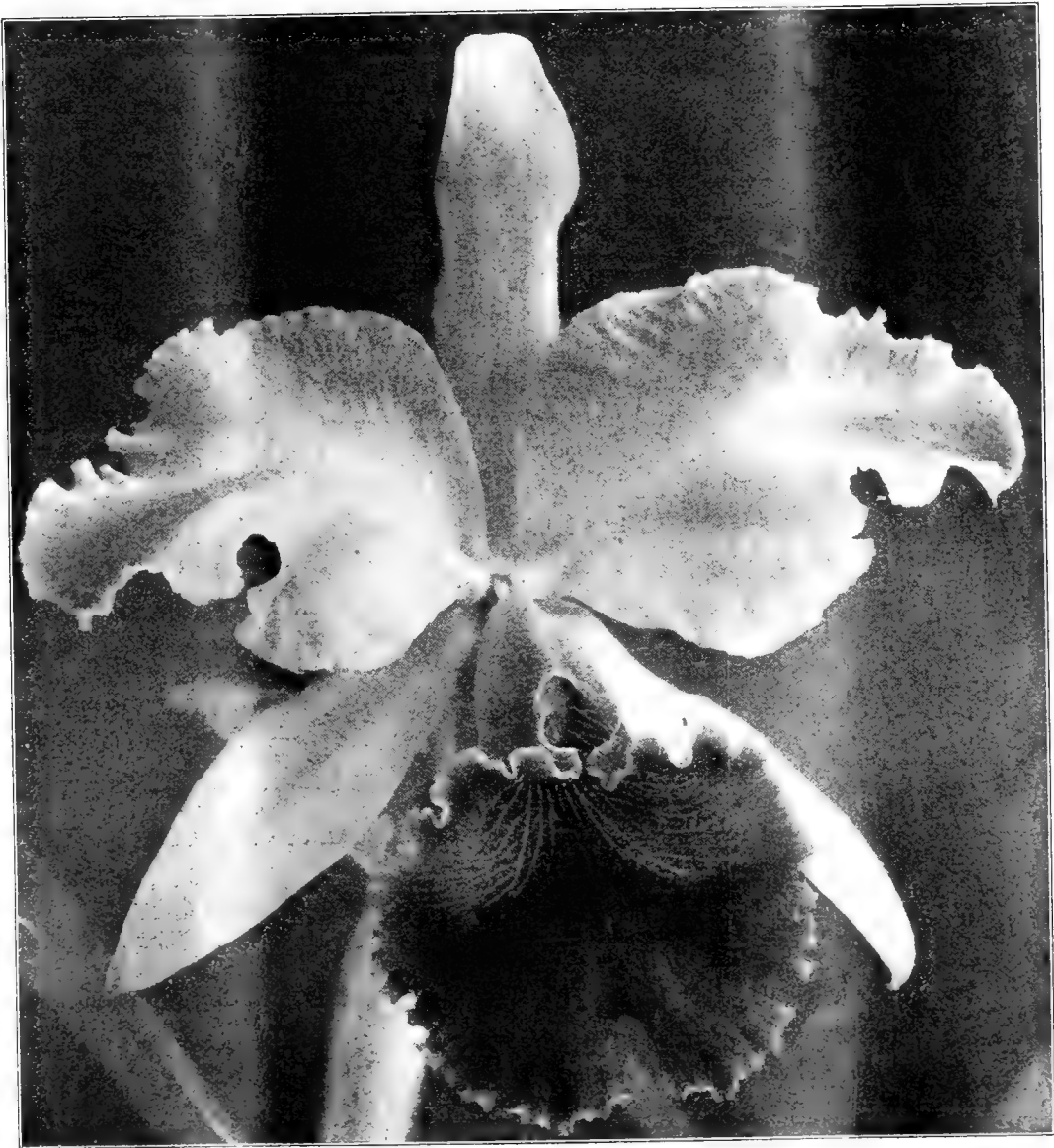


TYPE OF NEWER CANNAS

SUPERB. This variety is unique in color and truly superb; having large, clean bright orange-scarlet blossoms of good substance, produced on strong stalks with glaucous-bronzy foliage giving a most pleasing effect. 5 ft. 40 cts. each; \$4.00 per doz.

Vol. XXVII
No. 4
JAN. 26
1918

HORTICULTURE



Cattleya Raphaelæ (C. Trianae X C. aurea)

Raised by Clement Moore, Hackensack, N. J

Dreer's Grand New Cannas for 1918

Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

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CHEERFULNESS. No more appropriate name could be given to this beautiful novelty. Its beautiful bright fire-red flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre with each petal flaked with carmine crimson and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 35 cts. each; \$3.50 per doz.

CLOTH OF GOLD. A very attractive dwarf, compact growing free-flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

DAZZLER. Time and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire-red flowers. The intensity of coloring and freedom of blooming coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$3.50 per doz.

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POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

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We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

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DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAG OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

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SOCIETY OF AMERICAN FLORISTS and ORNAMENTAL HORTICULTURISTS

National Flower Show Indefinitely Postponed. Convention Will Be Held, Together with Trade Exhibition, at St. Louis, in April as Planned

(By Telegraph from St. Louis)

After a general survey of conditions in the country at large, taking all sections into consideration, and after hearing full expression of views from St. Louis representatives and all members present of the National Flower Show Committee and of the Executive Board of the Society of American Florists and Ornamental Horticulturists, including representatives on the board from the affiliated societies, it was the unanimous conclusion of all that to hold the National Flower Show this spring would be unjust to the guarantors and also to those who have always by their exhibits made previous National Flower Shows an unqualified success in whatever city held. Notwithstanding that much valuable work has been done toward the holding of the show and that such members, one and all, have lent their best efforts so that everything was progressing favorably, it was reluctantly decided to postpone the National Flower Show until there is a change in the general conditions throughout the country which will insure rapid movement of freight congestion. Thanks are due to those who have already taken exhibition space and to the guarantors as well as to the St. Louis Committees. While some financial loss will result from a cessation of the preparations which have been under way, it is believed that it will be wiser, in view of the practical difficulties in the way of holding a successful National Flower Show at this time to absorb present loss rather than to incur further expense. The National Flower

Show will not therefore be held this spring but there will be no change in the dates for the Convention of the Society of American Florists and Ornamental Horticulturists and the St. Louis members will now direct their efforts to the preparations for the April convention. It is believed that the matter of coal conservation to which the attention of the trade must continue to be given while the war lasts and other important matters which require consideration by all florists, will cause the attendance at this convention to be unusually large, as it will draw not only from the East and South but from the great Northwest as well as from the Southwest and the territory located near to St. Louis. Holding the meeting in April will avoid the heated season. The watchword of this convention will be *Co-operation, Conservation and America First*. There will be an interesting exhibition showing recent developments of American products and it is believed that by April facilities for railroad travel will have been much improved and that the commercial trade exhibit will be a fine one. The matter of publicity will also receive proper attention at the convention. By that time the work already done in that direction will have begun to show its good results and it is expected that all members of the trade will realize their duty to become members of the S. A. F. if they have not already done so and help to push forward what it is doing.

JOHN YOUNG, Secretary.

NEW YORK INTERNATIONAL FLOWER SHOW.

A regular meeting of the International Flower Show Committee was held in the Grand Central Palace, Monday, Jan. 14, at 2.30 p. m. A selection was made in the prize design contest for the sketch that will be used for the poster purposes in the coming exhibition.

While all the members realize the unsettled condition of the country, and that it is quite possible that some of the exhibits may be somewhat curtailed, still they had the assurance that there would be exhibits from other large places which heretofore had not shown any interest in the Flower Shows.

Secretary John Young made his report showing that at the present time \$11,000 worth of space has been reserved in the trade section. Mr. Newbold reported that the Ladies of the Red Cross, with whom the same arrangements had been made as prevailed for the 1917 Show, were working strenuously to have the Tea Garden more attractive than ever. Mr.

Hollaman gave a report of all exhibitions that had been held in the Grand Central Palace during the season which showed that all of them did as much business as in previous years. Arthur Herrington, manager of the exhibition, also submitted his report which was to the effect that the available material for exhibits were such that the coming exhibition would compare favorably with any in the past.

Many of the growers, of course, were not over-jubilant in regard to the coal and labor situation, but pledged themselves to put forth their best efforts towards making the coming International Flower Show, to be held March 14-21, a success in every way.

The total acreage sown to crops in 1917 in the uninvaded portion of France showed a decrease of 24.4 per cent from the acreage in 1913. The burden of agriculture which has rested since the war on old men, women and children will be lightened considerably by the 1500 farm tractors being shipped to France this winter by the U. S. Food Administration.

OUR COVER ILLUSTRATION.

We present this week an interesting and attractive orchid picture in the portrait of *Cattleya Raphaelæ*, which adorns the first cover page. *Cattleya Raphaelæ* is a hybrid between *C. Trianae* and *C. aurea*. It is one of the most useful hybrid orchids either for the connoisseur or the commercial grower because its time of flowering is always from the middle of November right up till Christmas. The progeny of this cross run all the way from albinos to dark crimson. The lip is usually golden yellow and deep magenta. The flower illustrated was raised at the conservatories of Clement Moore at Hackensack, N. J., where many very notable hybrid orchids have originated.

When all is said and done the true philosophy of advertising is the Ayer dictum, "Keeping everlastingly at it brings success." No doubt of it, boys. So send along that little check to the S. A. F. publicity committee and pray that they may use it judiciously and effectively.

G. C. WATSON.

Philadelphia.

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No National Flower show this year

We believe the action of the S. A. F. Executive Board and National Flower Show Committee in postponing the National Flower Show until conditions are more propitious will meet with general approval. Many misgivings have been felt as to the wisdom of going on with the preparations for this momentous enterprise in the existing chaotic conditions as to transportation and other dubious contingencies which might have a serious bearing on the success of the undertaking. All the National Flower Shows thus far have been conspicuously and progressively successful, financially as well as horticul-

turally, and it is well that no chances be taken now, as a failure to maintain the record would be a far-reaching calamity. The National Committees have acted wisely.

The "red rag" again

The old, old "bone of contention"—the removal of over-crowded trees, planted originally with the intention to thin them out at due time—has come to the surface again in a controversy between the Boston park commissioners, who propose to remove the centre trees in a triple row of red oaks bordering the Arborway, planted when small by the late J. A. Pettigrew, and a number of remonstrants led by A. A. Shurtleff, consulting architect of the commission, who demand that the trees should remain. Why is it that so many people, seemingly otherwise normal, harbor such a violent bias against any action which seeks to provide for the free and symmetrical development of specimen trees in public reservations to their full natural beauty? Such propositions invariably have the same effect as a red rag on certain cattle, in stirring up a grievance.

Come to Boston

Despite the combination of adverse conditions now prevailing in the larger portion of this country, Boston is earnestly hoping that the meeting of the American Carnation Society in this city next week may be well-attended by the votaries of the divine flower and a great success in every respect. Boston has had the honor of receiving and entertaining the Carnation Society on several occasions in the past and each occasion proved a lustrous event in the history of the Society and in the development of the flower it seeks to promote. Nowhere in the world are better carnations produced than in and around Boston and it "goes without saying" that the exhibition which will be put up on this occasion will be one of rare excellence and beauty, well worth the time, expense and effort involved in attending, however great the distance may be. So come, one and all, bring your best productions and feel assured that you will be well repaid.

An alliance for defense

Among the agencies that are doing effective service in behalf of beauty in horticulture in these troublous days when ornamental horticulture is hard-pressed as never before, count the Garden Clubs of America, the Woman's National Farm and Garden Association and other bodies of similar character and purpose all over this country. The support they give is wholehearted, unflagging and through mediums of publicity which are strongly influential in directions that are not always very accessible to the commercial horticulturist but are of incalculable value to the continued prosperity of his business. The florist, nurseryman and seedsman all owe a big debt of gratitude to these enthusiastic disciples of the gospel of beauty who have put their hearts and souls into the campaign to save our flower gardens from being recklessly overrun and sacrificed in the hysterical stampede for food production to the exclusion of everything else that is dear to the heart of the gardener. We regard this work which these people are doing and these ends to which they are devoting their efforts as no less patriotic, no less needful to humanity in the present time of distress and for the days that are to come in the hidden future, than are those other commendable agencies whose energies are so scrupulously centered upon the production and conservation of food crops and the mere bodily sustenance of the people.

Artemisia

The name *artemisia* involuntarily brings back into our memory a sweet aromatic odor much cherished by our ancestors. A specimen of *Artemisia Abrotanum*, the Old Man, a shrubby plant with dark green finely cut foliage could always be found in some corner of their gardens. When a boy I remember old ladies on going to church frequently taking a little twig along between the leaves of their hymn books. The present generation, as a rule, has little time for those old-fashioned fragrant but in color and general showiness inconspicuous things. The two species with finely cut silvery foliage, *Artemisia pedemontana* and *A. stelleriana* we often used in carpet bedding. By what it appears they are to represent a useful material for the filling up of vacancies in sunny positions of large rockeries in the near future. But not until the recent introduction of the subject of our illustration, *Artemisia lactiflora*, could a species of this genus claim front rank on our herbaceous plant lists. *Artemisia lactiflora* has proved a highly ornamental border plant. Its decidedly graceful habit of growth attracts attention on sight. One particular reason for treasuring this species most is because it is in bloom during the latter part of August and nearly all through September, when many of our perennial borders more or less lack in variety of form in flowers. During this time the light freely branching spikes of creamy white color, born on stems from 3 to 4 feet high, constitute a very desirable acquisition for the floral display of our gardens. The attractively cut dark green foliage contrasting well with the light colored panicles is another valuable feature readily appreciated.



ARTEMISIA LACTIFLORA.

Artemisia lactiflora prefers a deep, well dug and enriched ground. Throughout the north it wants full sun, while in the middle Atlantic states it thrives equally well in light partial shade. For perfect development I found sufficient irrigation especially during the early part of its growth absolutely necessary.

Artemisia lactiflora requires manure or leaf-covering during winter. Propagation by cuttings, divisions and raising from seed.

Richard Rothe

Glenside, Pa.

TWO HUNDRED DOLLAR PRIZE.

Competition Open to All.

The Florists' Telegraph Delivery Association will give two hundred dollars cash for the best sign or emblem submitted to its committee for use of the members in advertising the delivery of flowers by mail, telegraph, telephone, etc., etc., etc.

The successful subject will be one suitable for use as a poster stamp, window sign, delivery wagon sign or bill board. It must convey in the simplest manner the title of our Association—Florists' Telegraph Delivery. Those competing will not be restricted as to size or number of subjects sent in for consideration. The idea the committee wants to convey through the sign is that members of the Florists' Telegraph Delivery Association can deliver flowers anywhere in the United States or Canada (or the world) through its members on short notice.

We want a sign easily remembered wherever seen and symbolical of our aims. Get busy and get your sketches in. Be sure to put your name and address plainly on the back of each sketch submitted. Anyone is eligible.

The sketches will become the property of the Association and we will only pay for the one selected. All rights and titles will remain with the Association and no artist's nor designer's name will be permitted on the face of the selected sketch. The decision of the committee will be final.

Here is a chance for a little easy money. Your idea is likely to be the

winner, so do it now. All sketches must be in the hands of the committee not later than March 1, 1918. Send your sketches and for any further information address F. C. W. Brown, Chairman of Sign Committee F. T. D., care The J. M. Gasser Co., Cleveland, Ohio.

To All Florists of the United States—Greetings!

Recognizing the need for informing the government as to conditions in the industry, it is requested that you will at once communicate to John Young, Secretary, 53 West 28th Street, New York City, information stating how many feet of glass is now shut down on account of coal conservation. IT IS IMPORTANT THAT YOU ACT AT ONCE. THIS MEANS YOU. GET IN TOUCH WITH YOUR FELLOW FLORISTS IN ORDER THAT OUR INDUSTRY MAY BE PROTECTED.

JOHN YOUNG, Sec.

The Nebraska State Florists' Association held its annual meeting at Lincoln on January 15, and after business had been finished up, had a dinner at the Lincoln Hotel. Officers were elected as follows: President, C. H. Frey, Lincoln; vice-president, C. H. Greene, Fremont; secretary and treasurer, Lewis Henderson, Omaha.

FLOWER GROWING ESSENTIAL.

President R. M. Saltonstall in his address before the Massachusetts Horticultural Society on January 12 had this to say:

"Some people look upon the growing of flowers as a pure luxury which ought to be given up during war times. Now I do not agree with this because we must consider the fact that a very considerable number of men have given up their life work to the study and work of floriculture, a science in itself. Some of these men are of mature years and utterly unfitted for other fields of work, and in many cases dependent on such work for their support. Again, it is important to keep this industry going for those who wish to return to it after the war. A vast amount of plant life in greenhouses would be lost if the business is given up. These plants in many cases have taken years to grow and perhaps could never be replaced. Flowers surely are not so much of a luxury as costly clothing or jewelry worn chiefly to attract the eye, or the many attractive but not necessary fittings of our homes. If all luxuries are to go, flowers must go with them, but when we consider the great amount of happiness and real pleasure that can be given to the sick and the wounded and those confined to their bed, in some cases far away from home, I say that flowers should be the last of all luxuries to be forced out by dire stress of war."

Leroy, N. Y.—Preisack Bros. have turned their flower growing houses over to the forcing of vegetables exclusively.

CLUBS AND SOCIETIES

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

At the meeting of the executive board, in session at St. Louis this week, the following resolution was adopted by an unanimous vote and telegraphed to Hon. H. A. Garfield, Fuel Administrator, Washington, D. C.: "The Executive Board of the Society of American Florists and Ornamental Horticulturists in session here unanimously vote to co-operate in conservation by reducing fuel consumption one-third, pursuant to your recommendation. Signed, Chas. H. Totty, president; John Young, secretary; Wm. F. Gude, Washington representative." It was further resolved that the president and secretary of the S. A. F. and O. H., are hereby authorized to execute any papers that may be required by the National Fuel Administrator in complying with the fuel conservation by our members and allied organizations.

MASSACHUSETTS NURSERYMEN'S ASSOCIATION.

At the eighth annual meeting of the Massachusetts Nurserymen's Association held in Boston, January 8th, some matters of vital importance to the trade were discussed, the most timely being, perhaps, the question of shipments. Curtis Nye Smith, the well known attorney, in an optimistic talk did not apprehend any serious difficulties. Publicity started off with quite a boom, some three thousand dollars being pledged annually for a five year period, the association chipping in one hundred dollars. The subject of "Our Labor Problem" which was on the program, went by default as too problematic.

The most discussed matter was "Standardization" with Mr. Harlan P. Kelsey, conducting. As far as one not very well acquainted with the subject could gather, everything connected with the nursery business is to be standardized—which is fine. But the scheme also includes florists, foresters, botanists and apothecaries. A man's job.

Officers for 1918 are: President, John Kirkegaard, of New England Nursery Company; vice-president, G. Thurlow, of Cherry Hill Nursery Company; secretary, W. H. Thurlow (re-elected); executive committee, Julius Heurlin, chairman, Blue Hill Nurseries; E. W. Breed, W. Adams, R. Wyman; legislative committee, Julius Heurlin, chairman; W. H. Wyman, A. E. Robinson, E. W. Breed. V. H.

SOUTHWESTERN NURSERYMEN ORGANIZE.

Persuant to a call sent out by the committee, appointed at the September meeting of the Texas Nurserymen's Association at Waco for that purpose, several nurserymen of the Southwest met at Denison, Texas, on January 9th, for the purpose of organ-

Meetings Next Week

Monday, Jan. 28.

Florists and Gardeners' Club of Rhode Island, Swartz Hall, Providence, R. I.

Gardeners and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

Friday, Feb. 1.

North Shore Horticultural Society, Manchester, Mass.

North Shore Horticultural Society, Lake Forest, Ill.

Pasadena Horticultural Society, Pasadena, Cal.

People's Park Cottage Gardeners' Association, Paterson, N. J.

Yonkers Horticultural Society, Yonkers, N. Y.

Saturday, Feb. 2.

Pacific Coast Horticultural Society, San Francisco, Cal.

ization of the southwestern nurserymen into one association.

The meeting was called to order at 1.45 p. m. by J. R. Mayhew, chairman of the committee, who in stating the object of the meeting, pointed out a number of advantages that could be had by such an organization.

After adopting the constitution and by-laws, the following officers were selected on recommendation of the committee on nominations:

W. C. Griffing, Port Arthur, Texas, president; W. A. Wagner, Durant, Okla., vice-president; L. J. Tackett, Fort Worth, secretary-treasurer. These officers, together with J. R. Mayhew, Waxahachie, Texas, and Geo. Parker, Fayetteville, Ark., compose the executive committee.

A membership committee was appointed composed of W. C. Griffing, Port Arthur, Texas; John S. Kerr, Sherman, Texas; Geo. F. Verhalen, Scottsville, Texas; Mr. Garee, Noble, Okla.; Geo. Parker, Fayetteville, Ark.; C. K. Clingman, Keithville, La.; W. H. Hatcher, Douglas, Arizona.

The fourth Tuesday in September of each year was selected as the regular meeting date and Denison, Texas, as the next meeting place.

CONNECTICUT HORTICULTURAL SOCIETY.

As usual, the members were treated to an unusually fine exhibition of cyclamen, *Primula malacoides* and *ericas* at the first meeting of the New Year. The exhibitor was John F. Huss, superintendent of the James J. Goodwin estate. A very fine specimen of *Erica hyemalis* attracted much attention.

The essay provided by the National Association of Gardeners, entitled: "Organization and Co-operation," by M. L. Davey, Kent, Ohio, was read by the secretary, and helped to make the meeting interesting and entertaining. The next meeting will be held Feb. 11, and during the year 1918 meetings will be held once a month.

ALFRED DIXON, Sec'y.
Hartford, Conn.

THE LANCASTER COUNTY FLORISTS ASSOCIATION.

The meeting in January in the Chamber of Commerce rooms was almost a hundred per cent. attendance, with our friends T. J. Nolan and Dennis Connor as visitors.

The following named officers were elected for 1918: President, Elmer Weaver, Ronks, Pa.; vice-president, Lemon S. Landis, Lancaster; secretary, Albert M. Herr, Lancaster; treasurer, Harry K. Rohrer, Lancaster, Pa. President Schroyer in a few appropriate remarks called the President-elect to the chair and he, after thanking the members for his election, asked that the attendance at the present meeting be typical of every meeting for the year. He said that misery loves company and that we could at least come together once a month and commiserate with each other.

The following committees were then appointed: Programme—Harry K. Rohrer, Chas. B. Herr and Rudolph Nagle. Visiting—Chas. M. Weaver, Ira Landis and Rutter B. Hess. Exhibition—Willis B. Girvin, B. F. Barr and A. F. Strickler. Automobile—Abraham Rohrer, C. S. Loeffler and John Shriener.

We hoped to have either S. S. Pen-nock or Arthur Neissen of Philadelphia with us for a talk but both pleaded prior engagements and the talk devolved upon Willis B. Girvin and Elmer Weaver who related their experiences in handling flowers over the holidays, they having been delegated to accompany the growers' shipments to their destination to see that they were properly delivered. Mr. Girvin stated that he joined the express car at Witmer and in conjunction with the messenger handled the cut flower shipments for Philadelphia, which were so heavy that they were well down the road before they had them straightened out. He said that the messenger simply would not have been able to handle the business himself. In unloading he saw that they were kept on separate trucks and that these trucks were delivered to the loading platform in good shape and record time where the several commission men picked them up and by 10.30 everything was cleared, an impossible feat without this personal supervision. He said that holiday returns were fairly satisfactory with the exception of paper white narcissi which were sold for less than the price of the bulbs, and that the situation seems to be getting worse every day.

Elmer Weaver said that his experiences about tallied with that of Mr. Girvin excepting that the shipments for his day were even heavier than the previous day and that they were one and one-half hours in making the run from W. Philadelphia to Broad street station. As soon as he got in he called up the commission houses.

and when the flowers reached the loading platform they were there with their trucks to take them. He made the point that if the commission houses would co-operate and have a man to meet certain trains and see that the stock is unloaded properly much loss and delay would be avoided, as their experience was that the express company was only too glad for such experienced assistance. He also stated that shipments made on local trains would be sure of getting into Broad street, while those made on through trains would sometimes be run on a side track and probably not unloaded for ten days. He said that he had seen at least fifty such cars on various sidings in the city. With embargos on express to both Philadelphia and Pittsburgh they had tried parcel post since the holidays, insuring their packages, but that they found this almost as uncertain and with a number of packages frozen and that the insurance people had cut out insurance on greenhouse products, simply insuring their delivery. He said that they had been making use of a package stamp delivery that was in effect between Parkersburg and Philadelphia the limit for weight being fifty pounds and the minimum charge twenty cents. These stamps carried the package in the baggage car, the package, as I understand it, to be called for. Fred Ritchy and the writer gave some of their experiences in the shipping of plants.

A fuel conservation proposition received from Wm. F. Gude was signed by the owners of greenhouses present with one or two exceptions. In the discussion it was brought out that a cord of hard wood is about equal to a ton of coal, the ordinary run of wood requiring two cords to equal a ton of coal, and that where a night man was employed the firing of wood was not much harder than bituminous coal firing. There is plenty of wood within eighteen to twenty miles of the city but on almost inaccessible hills so that the expense of getting it out would make it more expensive than ordinary coal.

T. J. Nolan and Dennis Connor were besieged with questions for over an hour after the meeting adjourned as to conditions over the sections they cover.

The next meeting will be Feb. 21st with the trip to Strasburg on the trolley from Lancaster as the afternoon visiting trip.

Mr. Amos Rohrer, of Strasburg, exhibited carnations Belle Washburn and Albert Roper in extra fine form. E. P. Hostetter, of Manheim, exhibited a vase of Rose Queen sweet peas as good as any shown at our National Shows.

ALBERT M. HERR.

NEW YORK FLORISTS' CLUB.

President Schenck has appointed the Essay and Lecture Committee for 1918 as follows:

E. C. Vick, 205 Ellwood avenue, Newark, N. J.; J. Harrison Dick, 448 W. 37th street, New York; J. Austin Shaw, 337 W. 30 street, New York; W. J. Stewart, 147 Summer street, Boston, Mass.; J. B. Deamud, 43 Barclay street, New York.

BUFFALO FLORIST CLUB.

An illustrated lecture was delivered by Professor E. A. White of Cornell University before the Buffalo Florist Club at its meeting on January 9, his subject being "Practice and Theory in Horticulture." We have the address in type and shall take opportunity to give it space in our columns in the near future.

At the conclusion of Professor White's lecture, President Elbers made a few remarks in appreciation of the splendid address to which the large and enthusiastic audience had listened with close attention. By a rising vote of thanks, the audience showed its appreciation of the lecture.

President Elbers then instructed the secretary to read several letters from Representatives Chas. B. Smith and Wm. Waldow, and from Mr. Gude of Washington in answer to letter sent to them concerning the action taken by the Buffalo Florist Club relative to the coal situation.

An article from the trade press was read by the president. It stated that in the City of New York a bill had been passed to classify all those employed as gardeners in the city as laborers. This, Mr. Elbers declared, was a great injustice to men who had spent their lives working up in a vocation. A motion was to the effect that the Buffalo Florist Club go on record as opposed to such an unfair measure. The members wished a copy of their resolution to be sent to the State Civil Service Commission at Albany, to the Municipal Civil Service Commission of New York City, and to Mr. Henry Mackue, Secretary of the Gardeners of the borough of Brooklyn, N. Y.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY

The monthly meeting of the Westchester and Fairfield Horticultural Society was held in Greenwich, Conn., Friday evening, January 11. Mr. Whitton installed the new officers and received a vote of thanks for his services. Mr. Popp, on taking the chair, was well received. A letter was read from J. B. McArdle regretting his unavoidable absence. Mr. Williamson's annual report shows that we are growing fast. It was voted that we purchase another \$500 Liberty Bond. The judges made the following awards: Euphorbia jacquiniiflora from James Stuart, cultural certificate; Begonia Cincinnati from Tom Aitcheson, cultural certificate; roses from William Graham, highly commended. After some discussion it was agreed to hold an informal smoker at our next meeting in Hubbard's Hall, Friday evening, February 8th, at 8 p. m. M. C. Ebel and a few other noted speakers will address the meeting.

JACK CONROY, cor. Secy.

STATE FLORISTS' ASSOCIATION OF INDIANA.

The State Florists' Association, at the close of its annual banquet at the Claypool Hotel, pledged support to the State Committee on

food production and conservation, and closed its session in Indianapolis with a public auction of prize-winning flowers turning over the proceeds to the Red Cross Society. It was decided to petition the Public Service Commission of Indiana for relief in the matter of express shipments. Flowers and other greenhouse products are discriminated against by the express companies, it was said. Prizes were awarded to W. Frank & Sons Company of Portland, Ind., for roses and carnations and Baur & Steinkamp of Indianapolis on a new seedling carnation. Following the afternoon meeting, Irwin Bertermann was re-elected president; Herman Younge, first vice-president; Fred Heini, of Lafayette, second vice-president; Oliver Steinkamp, secretary, and Charles Pahud, treasurer.

STAMFORD (CONN.) HORTICULTURAL SOCIETY.

The monthly meeting of this Society was held Jan. 4th, with light attendance. Many are experiencing difficulty in obtaining coal, some being compelled to shut down entirely. President Henry Wild congratulated the Society on the work it had done the previous year, and also of starting the New Year with the election of ten new members. This Society, only one year old, already has a membership of over one hundred. An instructive paper presented by W. A. Besekie on asparagus culture was read by the president. Exhibits included freesia Purity, by A. Allius, vote of thanks; naval oranges, by A. Allius, cultural certificate; Snowball cauliflower, by A. V. Carver, highly commended.

W. J. RICE, Cor. Sec.

NASSAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of the Nassau County Horticultural Society was held in Glen Cove, N. Y., Wednesday, Jan. 9th. In the monthly competition R. A. Jones was awarded 1st for roses, carnations and poinsettias; honorable mention to Joe Mastroiani for lettuce. An essay was read by Harry Goodband entitled "Organization and Co-operation," and written by M. L. Davey. Jas. Holloway gave an interesting account of his recent visit out west. Jas. McCarthy, the retiring president, was presented with a pair of gold sleeve links for his able administration. Competition for the next meeting, 1 pot of cyclamen, 1 pot Primula malacoides and 24 freesias.

H. GOODBAND, Cor. Secy.

The Peninsula Horticultural Society, at its annual session in Cambridge, Md., on Jan. 10, elected the following officers: President, Warren C. Newton, Bridgeville, Del.; vice-president, Walter B. Harris, Worton, Md.; secretary-treasurer, Wesley Webb, Dover, Del. Executive committee, Warren C. Newton, Bridgeville; Walter B. Harris, Worton; Samuel L. Byrn, Cambridge; J. Leonard Soper, Magnolia; F. J. Dukes, Girdle Tree. Addresses were delivered by W. M. Dickson, Woodside, Del.; Profs. E. N. Cory and C. E. Temple, Maryland State College; Prof. C. A. McCue and T. F. Manna, Delaware Experiment Station; V. C. Carroll, Charles E. Tribbetts, Seaford, Del., and Dr. Knapp, Washington.

PUBLICATIONS RECEIVED.

An Introduction to the Study of Landscape Design. By Henry Vincent Hubbard and Theodor Kimball. With 72 full page illustrations including plans, and 11 illustrations in the text. Cloth, large 8vo, \$6.00. The Macmillan Company, publishers.

To do justice to a book such as this in any brief notice is practically impossible. The publishers' claim that "this book, just published, offers the first comprehensive treatment of landscape architecture ever brought out," is convincingly impressed upon the reader who peruses its pages. There is no slavish obeisance to any "school," no egotistical controversy, but a vast treasury of information and inspiration for the lover of nature and gardening—a thoughtful, unbiased enunciation of the fundamental principles of sincerity, congruity and good taste in the appreciation of beauty and the creation of beauty; a broad gauge and scholarly work in which pure horticulture has not been pushed into the background by homage to "formality," and with reverence for Nature as its keynote and the "why and wherefore" running through and underlying every chapter.

The authors acknowledge that they "are well aware that no designer was ever made by the study of theory alone and that most of the essential fire of emotion in appreciation and design is forever untransmutable into written words," yet this eloquent work will surely prove a well-spring of well-founded, practical knowledge. The authors' analysis of the aesthetic principles of landscape design is strikingly original in conception and so also are their practical suggestions for the working out of every problem, and every open-minded gardener who reads the book will be immeasurably benefited thereby. It is refreshing to find a modern author on landscape work who does not seem to place planting design as subsidiary and tributary to architecture but accords to this department of garden art its rightful dignity. There are countless instances where the architect has outraged the beauty and grandeur of a landscape by imposing upon it structures and treatment entirely foreign to and out of harmony with its character.

Following is a list of the titles of the various chapters:

Chapter I Introduction; II—Theory of Landscape Design; III—Taste, Ideals, Style and Character in Landscape Design; IV—Styles of Landscape Design; V—Landscape Characters; VI Landscape Effects; VII—Landscape Composition; VIII—Natural Forms of Ground, Rock and Water as Elements in Design; IX—Planting Design; X—Design of Structures in Relation to Landscape; XI—Types of Landscape Designs: Part I—The Garden; Part II—The Estate; Part III—Land Sub-division for Residential Purposes; Part IV—Landscape Parks and Reservations. Appendix: Part I—Notes on the Professional Practice of Landscape Architecture in America; Part II—Notes on Procedure in Design: Selected List of References on Landscape Architecture. Following the Appendix is a series of typical

WILLIAM PLUMB IN ACTION.

The prosperous looking gentleman in the center of the accompanying picture will be readily recognized by a host of acquaintances as William Plumb, formerly of New York, now of Cuba, where the worries of zero weather and coal famine never intrude. The scene depicted is not laid,



as some might imagine, on the deck of a torpedo destroyer but in the prospective oil fields where the company of which Mr. Plumb is president, has set up well drilling machinery and hope to strike oil in such quantities that coal for heating will be superseded and the coal bin rendered as useless as a last year's birdsnest.

plannings with suggestive lists of plants for same.

A vast number of topics are covered in each of the chapters, and these sub-headings appear in commendably convenient form in the margins of the pages. As giving an idea of the scope of each chapter we give a summary of the leading topics in the chapter on Landscape Composition—Order in composition, objective and subjective. Segregation of the composition. Unity and attention. The forms of order in composition. Characteristics of objects in landscape composition. Shape, size, scale and distance. Texture. Color, light and shade. Atmosphere and atmospheric perspective. Illusions in composition. Pictorial enframement, foregrounds, backgrounds and planes of distance. Objects in landscape composition according to their design value.

Again in Chapter IX we find the following among the topics covered: Planting Design—Relation of planting design and maintenance. Plant forms. Plant texture. Plant color. Use of colored foliage. Practical difficulties of design in flower color. Plant character. Association and symbolism. Outline, modeling and treatment of plantations. Hedges. Specimen trees and shrubs. Tree and shrub groups. Herbaceous beds and borders. Arrangement of plants in relation to time of bloom. Planting as a surface deco-

ration. Carpet bedding and parterres. Planting in relation to topography. Planting in relation to architectural structures, etc.

The book itself is a volume of remarkable beauty, printed on a special paper, with 46 original pen-and-ink drawings and 36 full-page photographs. Many of these illustrations are of old-world masterpieces of landscape art, some of impressive natural scenery and others well-chosen modern examples, among the latter being a number of suggestive views in Franklin Park, Boston.

Horticulture Publishing Company can supply you with this valuable and fascinating book. The price is \$6.00 by prepaid post.

Topics Discussed by the New England Nurserymen's Association at their Annual Conventions—An interesting volume with much practical information to be gleaned from the contents, which are as follows:

The Relation of the Chemistry of Soils and Fertilizers to the Growth of Nursery Stock; Dr. H. J. Wheeler, Boston, Mass.

The Nurseryman and Public Parks; George A. Parker, Hartford, Conn.

The Nurseryman as a Landscape Gardener; Prof. F. A. Waugh, Amherst, Mass.

Methods and Results in Large Tree Planting; Stephen Hoyt, New Canaan, Conn.

Proper Methods of Growing Herbaceous Stock in the Nursery; A. E. Robinson, Lexington, Mass.

Deciduous Shrub Seeds: the Collection, Preparation and Planting; D. A. Clarke, Fiskeville, R. I.

The Collection, Preparation and Planting of Evergreen Seeds; F. S. Baker, Cheshire, Conn.

Species of Ornamental Trees, Shrubs and Vines Best Adapted to Western Massachusetts; Charles Adams, Springfield, Mass.

Ornamental Trees and Shrubs for Northern New England; J. G. Jack, East Walpole, Mass.

Publicity in General; E. Fred Rowe, Harrisburg, Pa.

Seaside Planting; J. Woodward Manning, North Wilmington, Mass.

The Propagation and Uses of Native Herbaceous Plants and Ferns; K. E. Gillett, Southwick, Mass.

Journal of the International Garden Club, Volume 1, No. 2. This number completes the first volume of the Journal. During 1918 and thereafter it will be issued quarterly in March, June, September and December. It is a heavy volume, printed on fine paper and embellished with many full-page half-tone garden views and plant portraits and two rose portraits in color. The contents include papers on May-flowering Tulips, by John Scheepers; Recent Investigations on the Production of Plant Food in the Soil, by E. D. Russell; A Garden of Ten Centuries, by F. A. Arnold; Arnold Arboretum Notes, by C. S. Sargent; A Guide to the Literature of Pomology, by E. A. Bunyard; The Foxtail Lily, by T. A. Havemeyer; Aquatic Gardening, by George H. Pring; Tree Surgery, by Alex-Lurie; New Rose Introductions, by Geo. H. Thomas; Rose

NEW TOMATO "STAMFORD BEAUTY"

THE FINEST OUTDOOR TOMATO THE WORLD HAS EVER SEEN

Awarded highest honors wherever exhibited. Winner of five Certificates of Merit from Horticultural and Agricultural Societies. "Stamford Beauty" resembles the old favorite Stone Tomato, but is earlier, sweeter and has a handsome color finish of deep scarlet.

"Stamford Beauty" is a strong healthy grower, and a *MOST WONDERFUL* cropper, producing a wealth of large beautiful smooth Tomatoes from early summer till late fall.

"Stamford Beauty" will give you full reward for your money and labors. Plant some this year.

Seeds grown in 1917, packed and sold in originator's sealed packets only.

Price per Packet, 25 Cents.

Mailed free on receipt of price.

ANTHON PEDERSEN

Fairlawn,
Stamford Conn.

Breeding, by E. A. White; American Garden Rose Possibilities, by Walter Van Fleet; Plant Immigrants; Seur deMonts National Monument, by Geo. B. Dorr; Plants from China and many other interesting horticultural notes and comments.

Bulletin No. 176 of the Massachusetts Agricultural Experiment Station is an instructive document on The Cause of the Injurious Effect of Sulfate of Ammonia when used as a Fertilizer, by R. W. Ruprecht and F. W. Morse. This Bulletin is a continuation of Bulletin No. 165, "The Effect of Sulfate of Ammonia on Soil." It shows that soluble salts of iron, manganese and aluminium, severally or collectively, were always found in soils which had been dressed with sulfate of ammonia without an addition of lime, and that these several compounds were positively injurious to clover seedlings in cultural experiments. Requests for this and other bulletins should be addressed to the Agricultural Experiment Station, Amherst, Mass.

The State Entomologist of Minnesota has issued a special Report to the Governor, detailing the work on Pine Blister Rust in Minnesota in 1917 in co-operation with the U. S. Bureau of Plant Industry. It is a thorough presentation of this subject of nationwide importance, showing diagrams and photographs, and will be found exceedingly interesting and helpful by anyone engaged in forestry or nursery industry. Copies may be secured by addressing F. L. Washburn, State Entomologist, Agricultural Experiment Station, St. Paul, Minn.

Forty-Eighth Annual Report of the West Chicago Park Commissioners, 1916. As in previous years this report is very complete and pictorially elaborate. The plates are very fine, particularly some large folded views in Douglas Park and Garfield Park. The thoroughness and detail with which all the operations of improvement and maintenance are covered must make this publication a very desirable reference book for anyone engaged in public park work.

CATALOGUES RECEIVED.

S. S. Skidelsky & Co., Philadelphia, Pa.—Florists' Wholesale Catalogues for 1918. Bulbs, Plants, Specialties in Florists' Flower Seeds and Sundry Florists' Supplies.

Richard Diener Company, Inc., Kentfield, Cal.—Catalogue of Novelties in Gladioli, Petunias, Pansies and other flower specialties. There are four colored plates, Petunias "Ruffled Monsters," of much beauty—too beautiful, indeed, to be dubbed "monsters."

Storrs & Harrison Co., Painesville, Ohio—General Catalogue for 1918. Delphiniums and Baby Rambler Rose Echo in natural colors illumine the front cover and vegetables also in color held the place of honor on the back cover. Flowers, vegetables, small fruits, etc., are fully listed and illustrated.

R. & J. Farquhar & Co., Boston, Mass.—Garden Annual for 1918. A sterling publication listing flower, vegetable and field seeds, plants hardy and tender, herbaceous perennials, trees, ornamental shrubs, evergreens, garden implements, etc., including a number of Wilson's new Chinese introductions now offered for the first time. The illustrations are numerous and noticeably good. Rhododendrons in the Boston parks and an arch of the Farquhar rambler rose are used as cover subjects.

Henry F. Michell Co., Philadelphia, Pa.—"Michell's Seeds" for 1918. Two

catalogues from this ever-alert firm are out this week. The regular spring issue is a brilliant-coated courier that will not fail to interest and enthuse the garden makers this spring with its tempting vegetable products in colors, stately formal garden and lawn view and gold lettering. Among the 200 pages of contents appears a full page in colors of choice nasturtiums. The Wholesale Price List covering the period from January to July, 1918, is, as usual, an enterprising production—84 pages of trade plant seed and bulb offers.

Peter Henderson & Co., New York—"Everything for the Garden." A welcome annual visitor for many years, and this year fresher and daintier than ever. The front cover picture is an artistic scene in a Virginia garden in 1781, panelled on white and embossed gold. On the back cover is an inspiring vegetable garden view in colors, inscribed "The Strength of the Nation." There are 192 pages of which 14 are flower and vegetable representations in color. A persuasive and inspiring publication. Henderson's Wholesale Catalogue, 1918 Spring Edition, for Market Gardeners and Florists has been received. Devoted mainly to vegetable and farm seeds and implements, a department which it covers thoroughly.

Peter Henderson & Co. are sending out as a calendar design for 1918 the elegant picture of Lafayette in the Garden at Westover, Va., 1781, and a beauty it is.

RAISE VEGETABLE PLANTS

	1 oz.	1/4 lb.		1 oz.	1/4 lb.
CABBAGE, Extra Early			LETTUCE, Eclipse Cos....	.15	.50
Jersey Wakefield.....	\$0.30	\$1.00	ONION, Southport Red		
CABBAGE, Danish Round-			Globe.....	.50	1.90
head.....	.40	1.50	ONION, Southport White		
CABBAGE, Large Late			Globe.....	.50	1.90
American Drumhead.....	.30	1.00	ONION, Danvers Yellow		
CAULIFLOWER, Extra			Globe.....	.50	1.90
Early Snowball, 1/4 oz., 90c.	3.50		PEPPER, Selected Chinese		
CELERY, B's Improved			Giant..... 1/4 oz., 30c.	1.00	
White Plume.....	.30	1.00	RADISH, B's Early Frame	.20	.75
CELERY, Golden Self			RADISH, French Breakfast	.20	.75
Blanching (Fr. Grown)...	1.00	3.75	RADISH, Early Scarlet		
EGG PLANT, Early Black			Globe.....	.20	.75
Beauty.....	.60	2.00	TOMATO, Acme.....	.30	1.00
LETTUCE, Big Boston....	.15	.50	TOMATO, Dwarf Stone....	.30	1.00
LETTUCE, May King.....	.15	.50	TOMATO, Tall Stone.....	.30	1.00

5% DISCOUNT FOR CASH WITH THE ORDER.

Arthur T. Boddington Co., Inc.

128 Chambers Street

NEW YORK CITY

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. G. Scarlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

A Slogan for the Seed Trade.

As we all know, the United States Government has made the rather bold statement, "Food Will Win the War—Don't Waste It!" And this has been advertised in every town and small hamlet throughout the United States. The Post Office is even using it to cancel stamps.

So it occurred to me that we should adopt the more positive and stronger slogan, "Food Will Win the War—Produce It!" We are now using that slogan on everything that leaves our establishment. We have recommended it to the Bureau of Increased Food Production and they are adopting its use.

Mr. Heinz, Food Administrator for Pennsylvania, has requested through Mr. Therkildson that this same slogan be taken up by the American Seed Trade Association, and that all seedsmen in the United States be requested to publish broadcast the statement, "Food Will Win the War—Produce It!"

In this respect I might say that I, of course, realize that we might get more individual credit and advertising value if we used this phrase exclusively. But at the request of Mr. Heinz I would be only too glad to have the Seed Trade as a whole take this slogan up and push it throughout the entire United States.

David Burpee

Philadelphia.

Annual Dinner of Peter Henderson & Company.

The annual dinner tendered by Peter Henderson & Company to heads of departments and travelers was held at Spilker's restaurant, 33 Cortland street, on Tuesday evening, January 16th, twenty-five being present. The evening passed very pleasantly. Every man in his turn responded to the request of the manager, Mr. O'Mara, for his views on the forthcoming season, and many valuable suggestions were made. The general trend of opinion was a very hopeful one and everyone was optimistic about the volume of trade that was likely to be done the coming season, particularly in the essentials, namely vegetable and field seeds, fertilizers and implements.

The head of the flower seed department was certain that the aesthetic sense, particularly as applied to women customers, was still in existence, and would have its effect. He very wisely remarked that the lady of the house would be bound to have her flower garden no matter what else was allowed to be neglected, and that

WE Can Offer to Advantage On Spot—
Ready for Immediate Shipment.

HIGH GRADE TESTED GARDEN SEED
WHITE CLOVER
CRESTED DOGSTAIL
RYE GRASSES
ORCHARD GRASS
RAPE SEED
PRICKLY SEEDED SPINACH
CHOICE RECLEANED ONION SETS

Write for Our Prices and Samples

J. BOLGIANO & SON

Founded 1818. We Have Won Confidence for 100 Years

BALTIMORE, MD.

Send for Our Complete Market Gardeners' and Florists' Price List.

MICHELL'S New Crop FLOWER SEEDS

ASPARAGUS PLUMOSUS NANUS

Northern Greenhouse Grown, True to Name

100 seeds, 50c.; 1000 seeds, \$3.50; 5000 seeds, \$15.50; 10,000 seeds, \$30.00.

SALVIA AMERICA (New)

Finest, Brightest Salvia to Date

Trade pkt., 50c.; 1/4 oz., \$3.50; \$6.00 per 1/2 oz.; per oz., \$10.00.

Send for Wholesale Price List offering everything required by the progressive florist.

HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA, PA.

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes
Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of
Commerce Bldg., Boston, Mass.

consequently flower seeds and bulbs would still be in demand. He thought that because of the war there would be a greater demand because the women would want more brightness than usual about their homes. The vegetable seed men differed from him, and it will be interesting to note the outcome when the facts are all in.

Mr. Hunter presided at the piano and rendered in his usual inimitable manner a choice selection of up-to-date songs, those of a patriotic nature being highly appreciated, and all met with rounds of applause.

At the close of a very pleasant and instructive evening a standing toast was drunk to the employees who are now in the service, and the fervent hope was expressed that they would all return safe, sound and victorious before the next annual dinner came around.

San Francisco, Cal.—At the annual meeting of C. C. Morse & Co., held January 8th, the following officers were elected: President and manager, Lester L. Morse; vice-president and assistant manager, Thomas M. Landrum; vice-president and treasurer, Albert L. Hart; secretary, Frank G. Cuthbertson; board of directors, the above officers and Fred A. Birge and Geo. E. Hamilton. The company has just purchased sixty acres of land north of Redwood City for seed growing.

ROBERT DYSART

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
BOOKS BALANCED AND ADJUSTED
40 STATE ST. BOSTON
Telephone Main 55.

Choice Flower Seeds FOR FLORISTS

CINERARIA—Prize strains, mixed
Tall and Semi-dwarf.

ALYSSUM—Little Gem.

CALENDULA—Orange King, Lemon
Queen.

SNAPDRAGON—Silver Pink.

BEGONIA—Vernon.

J. M. THORBURN & CO.

Established 1802.

35 Barclay Street, NEW YORK

KELWAY & SON

SPECIALIZE IN

SEEDS

(personally selected strains)

WHOLESALE ONLY

Write for Special Prices, Spot or
Forward

Only Address, LANGPORT, Eng.

Paper White Narcissus
Lilium Candidum
Amaryllis, Callas
Cold Storage Lilies

Write us for price

AMERICAN BULB CO.

170 W. Wabash Ave. CHICAGO, ILL.

ROMAN J. IRWIN

108 West 28th St., NEW YORK

CHOICE FLORISTS' FLOWER SEEDS

Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengeri—1000 Seeds, \$1.00.

Salvia Bonfire— $\frac{1}{4}$ oz., 50c.; 1 oz., \$2.00.

Salvia Zurich— $\frac{1}{4}$ oz., 75c.; 1 oz., \$4.00.

Stocks Beauty of Nice, 75% Double Flowers

—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.

Snapdragon, Petunias, Verbenas, etc.

SEND FOR CATALOGUE.

KELWAY'S REAL PRICE SEED

WHOLESALE CATALOGUE for 1918

has been posted to all customers. If you
have not received a copy, please send a
card and one will be sent you by return
of post.

KELWAY & SON

Wholesale Seed Growers

LANGPORT, SOMERSET, ENGLAND

LILIUM GIGANTEUM

7/9 (300 per case)..... \$55.00 per thousand

8/10 (225 per case)..... 80.00 " "

9/10 (200 per case)..... 100.00 " "

Complete List of Florists' Choice Seeds.

A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.

1004 Lincoln Bldg., PHILADELPHIA, PA.

Order Seeds Early

Our 1918 Garden Annual is now
Ready. Write for a Copy.

R. & J. FARQUHAR & CO.

6 South Market St., BOSTON, MASS.

Stumpp & Walter Co

SEEDS AND BULBS

30-32 BARCLAY STREET - - NEW YORK

LEONARD'S SEEDS

and SEED SERVICE

FOR SALE BY

LEONARD SEED COMPANY, Chicago, Ill.

SPAWN

PIN MONEY

8 lbs. for \$1.00

Treatise — How to Grow Them
Included

WM. ELLIOTT & SONS

42 Vesey St., New York

BURNETT BROTHERS

Importers and Growers of

SEEDS, BULBS, PLANTS, &c.

98 Chambers Street, New York

THOMAS J. GREY COMPANY

SEEDS, BULBS AND IMPLEMENTS
WHOLESALE AND RETAIL.

Reselected Strains in Seeds.

Improved styles in Implements.

Catalogue upon application.

16 So. Market Street

BOSTON, MASS.

GARDEN SEED

BET, CARROT, PARSNIP, RADISH and
GARDEN PEA SEED in variety; also other
items of the short crop of this past season,
as well as a full line of Garden Seeds, will
be quoted you upon application to

S. D. WOODRUFF & SONS

82 Dey St., NEW YORK and ORANGE, CONN

LILIUM GIGANTEUM

New Crop Now On Hand

For immediate or future delivery
prices quoted on application.

JOSEPH BRECK & SONS' CORP.

47-54 North Market St., Boston, Mass.

W. E. MARSHALL & CO.
SEEDS, PLANTS AND BULBS
Horticultural Sundries

166 W. 23rd St., NEW YORK

Burpee's Seeds
PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

ALEX. McCONNELL611 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or interested by the trade to our selection for delivery on steamships or elsewhere receive special attention.

*Our Chicago Florists' Association
Member Florists' Telegraph Delivery*

Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALENCONNELL.



"The Telegraph Florist"

Member of Florists' Telegraph Delivery

124 TREMONT ST.

BOSTON

FOR

KANSAS CITY

Transfer Your Orders to

SAMUEL MURRAY

1017 Grand Avenue

Member Florists' Telegraph Delivery

DAVID CLARKE'S SONS

Deliver orders from any part of the country to

New York City

Write or Telegraph

2139-2141 Broadway, - New York

Telephone 1553-1553 Columbus

KOTTMILLER, Florist

426 Madison Ave. and 49th St., New York. Also Vanderbilt Ho

Telephone, Murray Hill 783

Out-of-town Orders Solicited. Location Central. Personal Attention.

Member F. T. D. Asso.

ADAM SEKENGER

FLORIST

32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

Providence, Rhode Island

Johnston Brothers

LEADING FLORISTS

38 Dorrance Street

Member Florists' Telegraph Delivery

Of Interest to Retail Florists

The Chicago Florists' Club's Advertising Committee has prepared a 4-page circular announcing the Valentine and Mothers' Day Stamp and Poster Campaigns.

These circulars are printed on colored paper. They had planned to have same printed in two colors, but on account of a number of unavoidable delays the remaining time would permit printing only in one color. The circulars are being distributed broadcast in every part of the country this week.

They call attention to the great success of the co-operative St. Valentine's and Mothers' Day advertising campaign conducted last year by this organization which brought many requests from the florists of this country, and announce that in response it is being again undertaken this year upon a national scale for the welfare of the trade at large.

Heart-shaped stamps and posters for St. Valentine's Day, also stamps and window posters for Mothers' Day, printed in colors, gummed and cut, ready for use are offered at the following prices, including postage or express charges. Stamps, size 2 3/8 inches high.

100 Stamps	\$0.75	10,000 Stamps	\$40.00
250 "	1.50	25,000 "	95.00
500 "	3.00	50,000 "	180.00
1,000 "	5.00	100,000 "	350.00
2,000 "	9.00	500,000 "	1,500.00
5,000 "	21.00	1,000,000 "	2,500.00

Window Posters, same design as stamps, size 7 3/4 inches high 10c. each, \$1.00 per dozen, 25 for \$1.75, 50 for \$3.00, 100 for \$5.50, over 150 at 5c. each.

Orders for St. Valentine's and Mother's Day stamps and posters may be combined to secure the maximum quantity rate.

It is necessary to send remittances with orders. Make all checks payable to Otto H. Amling, treasurer, Chicago Florists' Club. Send all orders and

IN THE National Capital

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKE

Connecticut Ave. and L St.
WASHINGTON, D. C.

Established 1874

DARDS

FLORIST

N. E. Cor. 44 St. & Madison Avenue, N. Y. City
(Member Florists' Telegraph Delivery Asso.)

Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address Dardflor.

We should all strictly adhere to the request of the United States Food Administration.

JOHN BREITMEYER'S SONS

Cor. Broadway and Gratiot Aves.
DETROIT, MICH.

**Artistic Designs . . .
High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada
Members Florists' Telegraph Delivery Association.



GUDE BROS. CO.
WASHINGTON, D. C.

Member Florists Telegraph Delivery

Orders for NEW YORK.
Write or Phone to

MAX SCHLING

785 Fifth Ave.

Best Florists in the States as
References.

EUROPEAN ORDERS EXECUTED

Members of the Florists'
Telegraph Delivery.

THE ROSERY

23 STEUBEN ST.

ALBANY, N. Y.

FLOWER DELIVERIES FOR ALBANY
AND VICINITY

Members Florists' Telegraph Delivery

G. E. M. STUMPP

761 Fifth Ave.

NEW YORK CITY

Member Florists' Telegraph Delivery Asso.

YOUNG & NUGENT

42 West 28 Street
New York

Members Florists' Telegraph Delivery

A. T. BUNYARD

NEW YORK

413 Madison Ave. at 48th Street
Also Newport, R. I.

I GUARANTEE SATISFACTION

MEMBER F. T. D. A.

CHICAGO Send Your Orders to WILLIAM J. SMYTH

Member Florists' Telegraph
Delivery Association

Michigan Ave. at 31st Street

Prompt Auto Delivery
Service

THOS. F. GALVIN
INC.
NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street
Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
KNOBLE BROS.
1896 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

HESS & SWOBODA
FLORISTS
Telephones 1501 and L 1532.
1415 Farnum St.,
OMAHA, NEB.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506. Long Dist. Bell Phone 278
Members Florists' Telegraph Delivery

S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.

WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

remittances to F. Lautenschlager,
440-472 West Erie Street, Chicago, Ill.

Fifty per cent. of the net proceeds
of the sale of these stamps and post-
ers will be given to the Society of
American Florists and Ornamental
Horticulturists for its National Pub-
licity Campaign and the remainder
will be reserved for future publicity
purposes. No individual profit to any-
one.

A campaign conducted by The Flor-
ists for The Florists.

A STORY WITH A MORAL.

One day an old umbrella mender
brought his skeleton frames and tink-
ering tools into the alley of my office.
As he sat on a box in the sun, mend-
ing the broken and torn umbrella, I
noticed that he seemed to take un-
usual pains, testing the cloth, care-
fully measuring and strongly sewing
the covers.

Say It With Flowers

"You seem extra careful," I re-
marked.

"Yes," he said, working without
looking up; "I try to do good work."

"Your customers would not know
the difference until you were gone,"
I persisted.

"No, I suppose not."

"Do you ever expect to come back?"

"No."

"Then why are you so particular?"

"So that it will be easier for the
other fellow—the next one who comes
along," he answered simply.

Henry Penn, who tells the story
points out that it illustrates one of
the best examples of the kind of
energy and confraternity which is nec-
essary for still further success in the
F. T. D. movement, so that the recip-
ient, when she opens her box of flow-
ers would give vent to the same ex-
pression of satisfaction as that um-
brella vender's careful work must
have drawn forth.

NEW FLOWER STORES.

Joplin, Mo.—Muzingo & Meinhart,
419 Joplin street.

Reno, Nev.—G. Rossi & Co., suc-
ceeding Canapa Bros.

Oakland, Cal.—T. Yakas, removing
to 1535 Telegraph avenue.

F. R. PIERSON CO.
FLORISTS AND
PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

ST. LOUIS, MO.

FRED C. WEBER
4326-28 Olive St.

Member Florists' Telegraph Delivery Association
NOTICE INITIALS. We have one store only

THE J. M. GASSER COMPANY,
CLEVELAND
Euclid Avenue

The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.
JOHN H. DUNLOP
8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.

EYRES
Flowers or Design Work

DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all
Northwestern points given prompt at-
tention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

BEAUTIES

Orchids - Cypripedium
White Lilac

Just remember that we are Headquarters for them
and we can supply you with good stock.

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

EDWARD REID WHOLESALE FLORIST

1619-21 Ransstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

5 So. Mole St., PHILADELPHIA, PA.

FLORAL NURSERIES

GROWERS AND WHOLESALERS
Greenhouses, Edgely, Bucks Co., Pa.
Office and Wholesale Store, 9 So. Mole St.,
PHILADELPHIA PA.
Bell Phone Spruce 889
Our Specialties—ROSES and CARNATIONS

E. G. HILL CO.

Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS
Consignments Solicited
Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO



TRY

Horticulture's Advertisers

FIRST

Before Looking Elsewhere

Tell Them You Did So And
They'll Reciprocate

POEHLMANN BROS. CO.

Supply of Best Cut Flowers all the Year Around
72-74 EAST RANDOLPH ST., - - - CHICAGO.

If interested, send us your name and address for our weekly price list

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON Jan. 24		ST. LOUIS Jan. 8		PHILA. Jan. 21	
Roses						
Am. Beauty, Special	15.00	to 50.00	40.00	to 50.00	4.00	to 50.00
" " Fancy and Extra	15.00	to 25.00	30.00	to 40.00	10.00	to 35.00
" " No. 1 and culls	4.00	to 8.00	3.00	to 10.00	5.00	to 15.00
Russell, Euler, Mock	4.00	to 12.00	5.00	to 15.00	4.00	to 31.00
Hadley	4.00	to 15.00	5.00	to 15.00	3.00	to 15.00
Arenberg, Hoosier Beauty	4.00	to 12.00	4.00	to 12.00	4.00	to 12.00
Ward	4.00	to 11.00	4.00	to 8.00	4.00	to 8.00
Killarney, Radiance, Taft	4.00	to 12.00	5.00	to 8.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon	4.00	to 15.00	4.00	to 15.00	4.00	to 12.00
Carnations	1.00	to 3.00	1.00	to 4.00	2.00	to 5.00
Cattleyas	25.00	to 35.00	25.00	to 50.00	25.00	to 50.00
Dendrobium formosum	8.00	to 10.00	8.00	to 12.00	7.00	to 12.00
Lilies, Longiflorum	6.00	to 8.00	4.00	to 6.00	3.00	to 6.00
Lilies, Speciosum	12.00	to 16.00	10.00	to 12.00	12.50	to 15.00
Callas	6.00	to 10.00	8.00	to 10.00	5.00	to 10.00
Lily of the Valley	6.00	to 10.00	3.00	to 6.00	4.00	to 12.50
Snopdragon	2.00	to 10.00	3.00	to 10.00	4.00	to 12.50
Bouvardia	2.00	to 10.00	3.00	to 10.00	4.00	to 12.50
Violets	.50	to 1.00	.50	to 1.00	.75	to 1.00
Freesia	2.00	to 3.00	1.00	to 5.00	3.00	to 5.00
Narciss, Paper White	1.00	to 2.00	3.00	to 4.00	1.00	to 2.00
Roman Hyacinths	1.00	to 3.00	3.00	to 4.00	1.00	to 4.00
Stevia	1.00	to 1.00	1.00	to 1.00	1.00	to 1.50
Calendula	2.00	to 3.00	1.00	to 1.00	1.00	to 3.00
Mignonette	3.00	to 4.00	2.00	to 4.00	2.00	to 4.00
Sweet Peas	1.00	to 2.00	1.50	to 2.00	.50	to 2.00
Marguerites	2.00	to 4.00	1.00	to 3.00	.50	to 2.00
Gardenias	15.00	to 35.00	15.00	to 35.00	5.00	to 25.00
Adiantum	1.00	to 1.25	1.00	to 1.00	.75	to 1.00
Smilax	20.00	to 25.00	12.00	to 20.00	15.00	to 20.00
Asparagus Plumosus & Spreng. (100 Bchs.)	35.00	to 50.00	30.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568 570 WASHINGTON STREET - BUFFALO, N. Y.

J.A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

The flower market situation has not materially changed since last week. Roses are off crop and prices hold firm, while carnations seem to be off popularity and prices sag as stock unsold accumulates. Bulbous stock is also a slow proposition. In short, trade is light considering the date and with Lent but three weeks away. Strange to say, the best days for the past week or two as reported by the wholesale dealers, were Saturday, 19th, and Monday, 21st, when little business was expected on account of the quite general suspension in most lines of trade. As we have before remarked, if demand for flowers were anywhere near normal the supply coming in would not half suffice, a condition of which the causes are quite obvious. The main topic of conversation in the flower market is the fuel subject and, judging from the prevalent anxiety, this burning question is as far from a safe adjustment as ever.

This trade in general **CHICAGO** had one of the poorest weeks in its history. The effect of the storms was still felt and the zero weather day after day made local buyers scarce and out-of-town shipments difficult and often impossible. Florists are not discouraged, however, for stock coming in is excellent and, with a rising thermometer trade is certain to return. Spring flowers have evidently come before there is a demand for them and the jonquils and tulips are not selling very well. Paper whites have reached a stage where there is no hope of disposing of them all and lilies are also too plentiful. Carnations are on the bargain counter these days and the buyer's money goes a long way. There are plenty of roses, all grades of which can be bought at a moderate price. Common ferns are selling for \$2.50 and \$3.00 per 1,000 and galax for \$1.25 per 1,000.

Business has been fair right along but let down considerably at the end of last week. The demand is not very strong or steady and the supply, while not large, is able to take care of all demands. The heavy snow causing delays and some embargos on shipments have interfered considerably with shipping to and from this city. Roses and carnations are each in a good supply, also sweet peas and lilies. Some excellent rubrum lilies and callas may be had. Paper white narcissi are in a heavy supply that is threatening to glut the market. Cyripediums are in a good supply but find a very ordinary market.

The flower business **CLEVELAND** is good this week. In spite of the heavy winter and slim supply of coal, stocks continue ample for all needs. Roses, carnations, sweet peas and bulb stock are plentiful but prices are well maintained. Earlier in January carnations were quite scarce but are a little more plentiful now. Violets are finding a



DAFFODILS

The early Trumpet Majors, a welcome touch of spring to the flower supply.

\$4.00 and \$5.00 per 100

PAPER WHITE SPECIAL

200 for \$5.00

Everything in Flowers, Plants, Ribbons and Supplies

S. S. PENNOCK CO.

THE Wholesale Florists of **PHILADELPHIA**

BALTIMORE
Franklin & St. Paul Sts
NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.
WASHINGTON
1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Jan. 21		CHICAGO Jan. 19		BUFFALO Jan. 21		PITTSBURG Jan. 22	
Roses								
Am. Beauty, Special	30.00	40.00	25.00	30.00	40.00	50.00	30.00	50.00
" " Fancy and Extra	20.00	30.00	15.00	25.00	20.00	30.00	20.00	25.00
" " No. 1 and culls	8.00	10.00	6.00	10.00	6.00	10.00	8.00	10.00
Russell, Euler, Mock	8.00	10.00	6.00	10.00	6.00	10.00	8.00	10.00
Hadley	8.00	10.00	6.00	10.00	6.00	10.00	8.00	10.00
Arenberg, Hoosier Beauty	6.00	10.00	4.00	10.00	3.00	6.00	6.00	10.00
Ward	4.00	10.00	4.00	10.00	3.00	6.00	6.00	10.00
Killarney, Radiance, Taft	4.00	10.00	4.00	10.00	3.00	6.00	6.00	10.00
Ophelia, Sunburst, Hillingdon	6.00	15.00	4.00	10.00	5.00	15.00	6.00	12.00
Carnations	3.00	4.00	2.00	3.00	3.00	5.00	3.00	5.00
Cattleyas	.....	75.00	60.00	75.00	50.00	60.00	.....	50.00
Dendrobium formosum	.....	.....	.....	.....	.....	.....	.....	30.00
Lilies, Longiflorum	.....	12.50	8.00	12.00	8.00	12.00	10.00	12.00
Lilies, Speciosum	.....	.....	.....	.....	4.00	6.00	.....	.....
Callas	8.00	10.00	10.00	12.00	10.00	15.00	.....	.....
Lily of the Valley	.....	10.00	4.00	10.00	8.00	10.00	.....	10.00
Snagdr-gon	4.00	8.00	4.00	6.00	4.00	8.00	6.00	8.00
Bouvardia	.....	.....	5.00	6.00	.....	.....	.....	.....
Violets	1.00	1.50	.75	1.00	.60	.75	.75	1.00
Freesia	3.00	4.00	4.00	5.00	3.00	5.00	4.00	6.00
Narcis. Paper White	3.00	4.00	2.00	3.00	3.00	4.00	3.00	4.00
Roman Hyacinths	3.00	4.00	2.00	3.00	2.00	4.00	3.00	4.00
Stevia	2.00	3.00	2.00	3.00	1.00	1.50	.....	.....
Calendula	3.00	4.00	2.00	3.00	2.00	3.00	3.00	5.00
Mignonette	.....	.....	4.00	6.00	4.00	6.00	4.00	6.00
Sweet Peas	1.00	2.00	1.00	1.50	1.00	2.00	1.00	2.00
Marguerites	.....	1.00	.....	.....	1.00	1.50	2.00	3.00
Gardenias	.....	.....	.....	.....	15.00	20.00	.....	.....
Adiantum	.....	1.00	.....	1.00	1.00	1.25	1.00	1.25
Smilax	.....	15.00	15.00	20.00	15.00	20.00	12.50	15.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	35.00	25.00	50.00	35.00	50.00	40.00	75.00

good market. Daffodils are among the new arrivals. A few growers had part of their stock nipped by frost during the recent zero weather but the trade as a rule came through fortunately considering the coal situation.

Business has held at **NEW YORK** a low level right along, Saturday and Monday last being very unremunerative days in the wholesale section and altogether the situation is far from what it should be, on the average for this date. Roses are the main reliance at present, they alone showing some "ambish." The short grades of

roses are very scarce. Other market staples are very draggy. Carnations have shown a moderate upward movement in value, especially the choicer sorts, such as Ward. Extra long-stemmed lilies bring a fair return and so does Asparagus plumosus, which is quite scarce.

Business has been pretty fair here, the tone being considerably better than previously. Carnations stiffened up very considerably in price and the quality is top-notch, with the exception of American Beauty. Roses are on the

(Continued on page 91)

H. BAYERSDORFER & CO.

Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 24th St., NEW YORK
Telephone: 2200 2201, Madison Square.

WM. P. FORD

Wholesale Florist

107 W. 28th Street, NEW YORK

Telephone 2445 Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments solicited
Phone Farragut 4336

FRANK MILLANG

Cut Flowers—Home Grown Asparagus

BUY OR SELL, CASH

55-57 West 26th Street

NEW YORK

RIEDEL & MEYER, Inc.
Wholesale Commission

READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT

WHOLESALE FLORIST

109 WEST 28th ST

CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.

119 W. 28th St., - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 2870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 / 3089 FARRAGUT 131 West 28th St., NEW YORK CITY

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3804 and 8304 Madison Square

57 WEST 20th STREET

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 13—8510 Madison Square

MAURICE L. GLASS, Treasurer

Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending Jan. 19 1918		First Part of Week beginning Jan. 21 1918	
American Beauty, Special	20.00	to 30.00	30.00	to 40.00
" " Fancy and Extra	10.00	to 15.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	3.00	to 12.00	3.00	to 12.00
Hadley	2.00	to 15.00	3.00	to 25.00
Arenberg, Hoosier Beauty	2.00	to 8.00	2.00	to 8.00
Ward	2.00	to 6.00	2.00	to 8.00
Killarney, Radiance, Teft	2.00	to 6.00	2.00	to 8.00
Opheia, Sunburst, Hillingdon	2.00	to 8.00	3.00	to 12.00
Key	2.00	to 10.00	3.00	to 12.00
Carnations	1.00	to 3.00	2.00	to 5.00

GROWERS' CUT FLOWER COMPANY

WHOLESALE FLORISTS

129 West 28th Street

Tel. 6237 Farragut
3563

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

435 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

150 West 28th Street, Tel. Farragut 606,
NEW YORK.

Flower Market Reports

(Continued from page 89)

scarce side all along the line. Beauties are a little more plentiful than in other seasons at this time and prices are lower. Where last year they were bringing nine dollars a dozen this year five is the figure. White roses are as scarce as any and there is more demand for these than the colors. Orchids are rather draggy this being especially the case with the cypripedium crop. Lilies are in excellent demand. Lily of the valley does not go well, being high in price and there being some excellent substitutes at reasonable figures. There is a fair call for white lilac, which is a choice and attractive item. Trumpet daffodils are now coming in the better varieties and are quite a feature of the market. Paper whites are greatly overdone for the time being. Most of the retail stores closed all or part of the day Monday the 21st. The city sounded like a Sunday that Monday.

Trade has
ROCHESTER, N. Y. fallen off considerably.

The growers have experienced a very hard time in keeping their houses warm. Stock is none too plentiful but is meeting all present demands. Little is doing in the way of social functions. Roses and carnations are the chief flowers, although a very fair supply of cut bulbous stock is seen. Yellow and white tulips are good and are retailing for \$5.00 per 100. Stevia is scarce. Freesia is good and sells fast. Calendulas are arriving but the demand is slow. Good calla lilies are seen and clear nicely for funeral work, which is the chief factor these days. Pot plants of all kinds sell well.

Trade has been curtailed through severe weather. The coming week will be graduating exercises at the public schools and probably a few bouquets will be sold. Carnations are holding up in price for good stock, while splits and frozen stock were sold at low figures.

BUSINESS TROUBLES.

Rochester, N. Y.—Frank R. Bohnke, florist, filed a petition in bankruptcy last week.

Alliance, O.—J. J. Gunn & Son, florists, voluntary petition in bankruptcy; assets, \$107.90, liabilities, \$4,685.

La Crosse Wis.—Hillview Nursery Company, voluntary petition in bankruptcy; assets, \$13,000, liabilities, \$7,500.

Frank Gumph, florist in the Euclid Arcade, Cleveland, O., closed his doors shortly after the first of the year. His affairs were taken in hand by the Florists' Wholesale Credit Association, who succeeded in paying five per cent on his accounts.

Westfield, Mass.—The John H. Fowler Company, Inc., filed a notice of its assignment on January 17 to Albert R. Jenks, formerly horticultural adviser of the Hampden County Improvement League. Liabilities

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St. NEW YORK TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Jan. 19 1918	First Part of Week beginning Jan. 21 1918
Cattleyas.....	15.00 to 25.00	15.00 to 25.00
Dendrobium formosum.....	..... to 50.00	..... to 50.00
Lilies, Longiflorum.....	3.00 to 5.00	4.00 to 8.00
Lilies, Speciosum.....	3.00 to 6.00	3.00 to 6.00
Callas.....	15.00 to 20.00	15.00 to 20.00
Lily of the Valley.....	3.00 to 6.00	2.00 to 8.00
Snaydragon.....	2.00 to 12.00	2.00 to 15.00
Bouvardia.....	2.00 to 3.00	2.00 to 3.00
Violets.....	.30 to .50	.30 to .75
Freesias.....	1.00 to 3.00	1.00 to 3.00
Narcis, Paper White.....	1.00 to 2.00	1.00 to 2.00
Roman Hyacinths.....	1.00 to 3.00	1.00 to 3.00
Tulips.....	2.00 to 4.00	2.00 to 4.00
Calendula.....	2.00 to 3.00	2.00 to 3.00
Mignonette.....	3.00 to 4.00	3.00 to 4.00
Sweet Peas.....	2.50 to 3.00	2.00 to 3.00
Marguerites.....	1.00 to 3.00	1.00 to 3.00
Gardenias.....	15.00 to 30.00	15.00 to 30.00
Adiantum.....	.50 to 1.00	.50 to 1.00
Smilax.....	12.00 to 6.00	12.00 to 16.00
Asparagus Plumosus, & Spreng (100 bunches).....	25.00 to 50.00	25.00 to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Consign your flowers to me. I can sell them to your satisfaction.

CLARENCE SLINN, 112 W. 28 St.
NEW YORK

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755 NEW YORK
Farragut

GEORGE B. HART

WHOLESALE FLORIST

24 Stone St., Rochester, N. Y.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

amount to \$45,000. No estimate was made of assets, but they are said to be such as to assure creditors a good dividend. Mr. Jenks has been acting as manager of the company during the past month.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

B. S. SLINN, Jr.

55 and 57 W. 26th Street. NEW YORK

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Cut Flowers of All the Leading Varieties in their Season.

THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

Est. 1765

Pot Makers for a
Century and a Half**HEWS****STRONG
RED
POROUS****POTS**

Inc. 1904

World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****CHICAGO.**

The Alpha Floral Co. lost many of their plants last week when the temperature of the building was allowed to go below freezing.

The creditors of the Flower Craft Shop on Hyde Park Boulevard have opened the store and secured Duncan Robertson to take charge of it.

Robt. Newcomb, of the American Bulb Co., visited the Nebraska State Florists meeting at Lincoln, Neb., last week and will call upon the trade in the southwest before returning to Chicago.

The Elston Flower Shop lost all their plants in the recent storm when a transom blew in and the full force of the blizzard struck the stock which had been placed for safety on tables in the center of the store.

George Wienhoeber says fuel conservation is not new in his building, where heat has been dealt out so sparingly all winter that it is the practice to put all palms, etc., in the office and heat with electricity each night.

John Tiplady, who has had many years' experience as a private gardener on some of the large places on the North Shore, has opened an office at 513 4th street, Wilmette, and will go into the business of landscape gardening.

Joseph L. Raske was the victim of hold-up men who entered his store at 170 W. Jackson Block last Saturday evening, and at the point of pistols drove him into the back room and took his watch and chain, \$32.00 and a valuable diamond ring. Mr. Raske is a well-known florist and his store is in the downtown district.

Peter Miller was down town on Saturday for the first time since his attack of blood poisoning three weeks ago. In handling American Beauties a thorn pierced his hand and the infection spread so rapidly that his life was seriously endangered. Geo. Wienhoeber, his employer, had him removed to St. Mary's Hospital where extreme measures were used to stop the disease.

The Embee Artificial Flower Co. has rented, and is fitting up, rooms in the Atlas Block where many wholesale florists are located. At one time this would have been the last place a manufacturer of artificial flowers would have selected for his salesroom, but now every florist uses more or less prepared foliage, etc., and the location

is convenient for florists coming to the market.

More than once has Fred Lautenschlager proved himself an efficient emergency man to the florists in times of trouble, and now he has been selected to try and get the shipping business on a better basis. It has been a most trying time for wholesalers to get their orders from their out-of-town customers, especially from a long distance, filled in a satisfactory manner on account of the transportation and the reluctance of the express companies to accept their goods in extreme weather.

About forty growers held a meeting at the salesroom of Geo. Reinberg, Saturday, Jan. 19th, to discuss some of their difficulties. The coal situation was the most prominent one and C. L. Washburn reported that a delegation had waited upon the fuel administrator and they had been assured every effort would be made to protect

See Announcement of
\$200 PRIZE COMPETITION
on page 79.

the growers against the loss of their stock by freezing. The relief was very evident when it was made known that the business they had worked years to build up would be secure for the present at least.

ST. LOUIS.

A banquet was given to the members of the S. A. F. Executive Board at the Jefferson Hotel on Tuesday evening, January 22.

Arthur Wors, son of C. W. Wors, wrote to his father from the Canadian expeditionary forces, dated Dec. 24th, from West Sandling, Kent, England. He will train there a while and thence go to the front.

The firm of Young Bros., Berlin and De Bolivere avenue, have filed a voluntary petition in bankruptcy, their liabilities to three floral houses amounting to \$2,536.85, assets \$1,000. Three creditors named in the petition are Elizabeth's Nursery Co., Elizabeth N. J.; Peter Henderson & Co., New York; William C. Young, St. Louis. They also asked that a receiver be appointed because the company is insolvent and the property is about to be seized by an administrator.

CLEVELAND.

On account of business conditions the Wholesale Florists Credit Association is adhering strictly to its rule of C. O. D. for all retailers whose accounts run over 30 days.

A canvass of the situation shows a number of florists and their experienced helpers placed in Class I under the new draft. None have been called recently but a number are in line for the next call.

George Bate, of the Cleveland Cut Flower Co., is a member of the exemption board in his district and finds his time largely taken up with these duties. For a time he was quite a stranger in his own office.

Milford Parks, formerly a flower jobber on East Fourth street, is about town but not engaged in the flower business this winter. Last summer he was on the road with a carnival company as manager of a flower baseball game.

The Wilson Floral Co., on Woodworth road and O. E. Cunningham in the Collinwood district, were among those who lost a small part of their stock during the cold spell. They are still operating, however, with a greater part of the stock intact.

Frank J. Schoen, aged 43, secretary-treasurer of the Schoen Floral Co., 1268 Euclid Avenue, has been released on \$500 bail, after being arrested on warrants charging arson. It is said Schoen and two others set fire to the place of business of the Schoen Floral Co., November 18, 1917. The charge was made by the city fire warden.

While florists were exempted by the recent fuel order from closing on heatless Monday, the majority of them obeyed the spirit of the order as far as possible without endangering their stocks. The wholesale florists and supply houses closed completely, while the retail stores closed their street doors and only took care of such funeral and other work as was necessary.

C. E. Kendel, of the A. C. Kendel Seed Co., secretary of the American Seed Trade Association, has taken out a permit for the erection of \$50,000 building at 210 Prospect avenue, S. E. The building will be four stories of loft type, of steel and concrete construction, 40 by 82 feet. The first floor and part of the second floor has already been leased for ten years. Work on the new building will start April 1.



THE PFALTZGRAFF POTTERY CO., York, Pa.

Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.

WE LEAD IN QUALITY, FINISH AND SERVICE

For Catalogues and Discounts address

AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY

Our Selling Agents in N. Y., N. J. and Eastern States Territory

Greenhouse vegetable growers in and near Cleveland were recently saved from disaster, when sixty carloads of coal were turned over to the Cleveland fuel administration for their use. Action taken by H. H. Johnson, Ohio fuel administrator, enabled local coal companies to sell large quantities to greenhouses. Nearly all the growing vegetables in this section were threatened with destruction when the needed relief arrived.

ROCHESTER, N. Y.

James Vick's Sons will soon be forced to move owing to the enlargement of the Alliance Bank. Their new location has not yet been decided upon.

Fred Bohnke, florist, 84 Miller street has filed a voluntary petition in bankruptcy. His liabilities are \$2,516.11. Assets are: Stock in trade \$700, auto delivery \$250.

The 63rd annual meeting of the Western New York Horticultural Society, which was to have been held here on January 23rd to 25th, has been indefinitely postponed on account of the fuel situation.

The Lady Florists' met at the Red Cross House, January 14th, to fold bandages and new officers were elected as follows: Mrs. E. P. Wilson, president; Mrs. E. R. Fry, vice-president; Mrs. W. L. Keller, treasurer; Mrs. H. W. Wilson, secretary.

George Eastman, of the Eastman Kodak Company, has shut off all heat from his great conservatories as a help to fuel conservation, with the result that thousands of dollars' worth of plants and flowers have been destroyed. George D. B. Bonbright, Monroe County Food Administrator, and Dr. Thomas Parsons, his deputy, have followed suit, and it is believed that many others will fall in line.

NEW YORK.

Arthur Buchholz is sending to Phil Kessler the finest tulips seen in this market so far.

Alfred H. Langjahr will remove shortly to the floor of the Cut Flower Exchange, in Coogan Building, and will occupy the ice boxes formerly occupied by Bonnot Bros. and Wm. H. Siebrecht.

The exhibition in the American Museum of Natural History last Saturday and Sunday was not large but of prime quality, carnations, sweet peas and orchids being especially prominent. In the latter Lager & Hurrell made a beautiful display.

CINCINNATI.

C. E. Critchell went to St. Louis the first part of this week to attend the S. A. F. Executive Committee.

Fuelless Monday was observed by most all of the retailers closing their stores. Some of them had their places open long enough to fill their orders and take care of incoming stock while others closed entirely. But few kept open all day.

OBITUARY.

S. B. Coffin.

Sylvanus B. Coffin, an old-time florist residing in Roxbury, Mass., died on January 15, aged 78 years. The body was taken to Hampton, N. H., for burial.

Mrs. John Schneider.

Mrs. John Schneider, wife of the president of the New York Flower Exchange, died on Sunday, 20th of January, in her 49th year, of pneumonia. Five children survive her. Burial was at St. Michaels cemetery, Astoria, L. I.

San Francisco, Cal.—The West Coast Seed Growers, 200 Washington street, are planning to increase their capital stock to \$50,000, to take effect Feb. 1.

Visitors' Register

Albany, N. Y.—Patrick Welch, Boston.

Boston—Marshall Miller, repr. Richmond Cedar Works, Richmond, Va.

Philadelphia—Geo. W. Hess, Supt. Botanical Garden, Washington, D. C.

Rochester, N. Y.—Andrew C. Anagnostakor, Wilkes-Barre, Pa.

Chicago, Ill.—Judge Vesey and Mrs. Vesey, Fort Wayne, Ind.; T. E. Terrill, Alberta, Can.; P. W. Peterson, Joliet, Ill.

Cincinnati—Paul Berkowitz, representing H. Bayersdorfer & Co., Phila., Pa.; Mr. Reynolds, representing M. Rice & Co., Phila., Pa.; V. H. Thomas, Augusta, Ky., and Robert Groves,

Hartford, Conn.—Lawrence Hennessey chauffeur for Coombs, florist, charged with reckless driving of an automobile on Trinity street, January 16, was fined \$25 in police court next day.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale.

JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO. Hartford City, Ind.

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. FRANKLIN BARRETT, Breeder, 4315 D St., Olney, Philadelphia, Pa. Large breeding pairs for sale. Send for price list.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

Roses, Cannas and Shrubs. THE CONARD & JONES COMPANY, West Grove, Pa.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEISCHER'S WIRE WORKS, 244 Randolph St., Detroit, Mich.

SITUATIONS WANTED

SITUATION WANTED—By Japanese horticulturist. Graduate of Horticultural College. Practical experience in Japan and United States. Able to do all kinds of gardening and greenhouse work. Married. State wages, etc. "J. H." care Horticulture Publishing Co.

LEMON OIL CO'S STANDARD'S SOLUBLE INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to directions our standard insecticide will prevent ravages on your crops by insects.

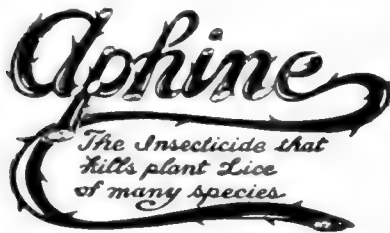
Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

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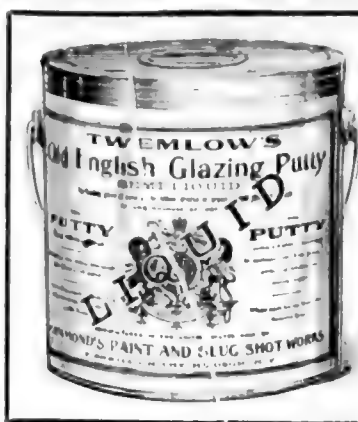
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WELCOME COMMENDATION.

I take pleasure in renewing annual subscription to HORTICULTURE and in doing so I wish to compliment you on that able article entitled, "Strong Language," which hits the nail square on the head. I have always been, I might say, cranky about having the right tools to work with, which is half the battle, and though not wasteful by any means, never did believe in the penny-wise and pound-foolish idea. But there are plenty of growers who are that way, which surprises me, as some of them have ample means to give their help the proper tools to work with. With best wishes for the continued success of HORTICULTURE, Yours sincerely,

F. J. FILLMORE.

St. Louis, Mo.

January 23, 1918.

HORTICULTURE PUBLISHING CO.

Gentlemen: Enclosed please find my check for five years subscription to your valuable paper, as I want to have it appear regularly for the rest of my days.

When this subscription runs out, kindly notify me and I will send another one for the next five years.

Respectfully yours,

W. A. MANDA, INC.

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NEWS NOTES.

New Castle, Pa.—At the immense vegetable forcing greenhouses of W. H. Weinschenck & Son, near New Castle, when the coal shortage developed a bank was opened on the Weinschenck farm, and coal is now being mined on the farm. More than 1,000 tons of coal will be required at this greenhouse this winter to keep Jack Frost from nipping the contents.

Lynn, Mass.—In consequence of the accident wherein a brick chimney was blown over by the wind one day last week killing several people all such structures are being inspected by the Building Department. Orders have been given Jacobs & Coughlin, owners of the Love greenhouse property to have their chimney taken down at once.

Jamestown, N. Y.—Fire broke out in the boiler room of the greenhouse owned by Gustaf Wickstrom, Charles street, on the morning of January 14 and as a result the boiler room, an automobile and a small part of some twenty tons of coal in the building

were destroyed by the flames. The largest loss, however, resulted from the loss of the heat and the stock of flowers in the greenhouse was practically ruined. Mr. Wickstrom said the stock was worth \$2,000. The loss was partially covered by insurance.

New Bedford, Mass.—Effective work by the South Dartmouth fire department, Thursday evening, Jan. 10, disposed of what promised to be a destructive fire upon the premises of Manuel Sylvia, near New Bedford. The fire started in the boiler house from which the greenhouses on the estate are heated. The roof of the boiler house was burned off, and the flames got inside of the north greenhouse. The firemen were successful in covering the north greenhouse so that it can be heated and its contents saved; but the north house is open, all the gates having been smashed while the fire was being put out. The loss will amount to about \$500, and there is no insurance upon the damaged property.

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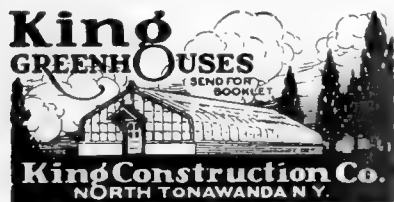
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Seventh and Blaine streets, two
houses, each 20 x 100.

COST OF HEATING BY GAS.

Could some one having knowledge or experience with gas (artificial), consuming furnaces inform me through the columns of HORTICULTURE whether they would be practical for heating greenhouses, say up to ten or fifteen thousand square feet of glass? And if so, how would the cost of fuel, coal at \$4.00 per ton run of mine and gas at 36 cents per 1000 compare?

Respectfully,

HARRY E. COOPER.

Salem, Ohio, R. D. 1.

Leominster, Mass.—Fire was discovered in the boilerroom of the greenhouse owned by Walter E. Allen at 185 Exchange street, on January 1, causing a loss of \$500. The greenhouse was filled with tomato vines loaded with half ripe tomatoes. It took the firemen almost two hours to put out the fire and the end of the building, where the boiler is located, was burned off. While the firemen were putting out the fire, Mr. Allen and his neighbors were harvesting the tomatoes. The intense cold froze up a large part of the crop.

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address.
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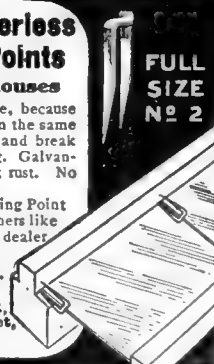
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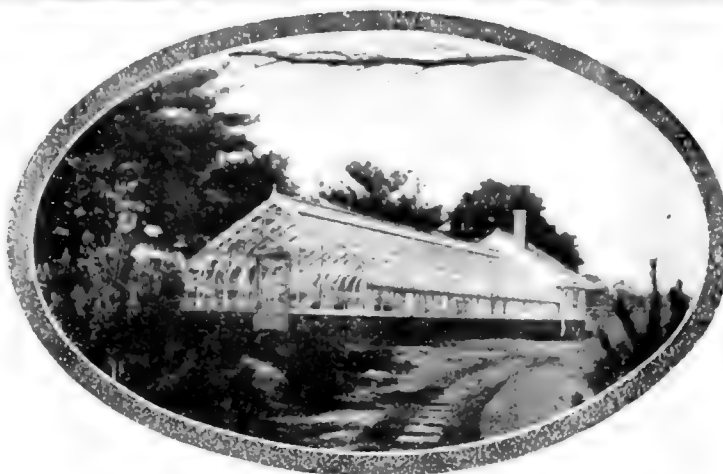
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Then there is also the question of heating that admits of numerous economy advantages, provided they can be taken advantage of.

So, obviously, the best way to secure the best price on this, or any of our greenhouses, is to have one of us come and see your location and talk things over with you.

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Plant Propagation, Greenhouse and Nursery Practice

By M. G. KAINS

We have had many inquiries from time to time for a reliable and up-to-date book on plant propagation, but were always at a loss to find any publication that we could recommend. The subject has been dealt with in fragmentary manner only in books that have come to our notice. So it is well that this new work has been issued, especially as it is both comprehensive and practical, and it should meet with a ready sale among plantmen, nurserymen and gardeners. There are nineteen chapters covering in detail topics of germination and longevity of seeds, propagating by buds, layering, cuttings, grafting, etc., fruit tree stocks, scions, etc., and there are eight pages of condensed cultural instructions in tabulated form, covering annuals and perennials from seed, woody plants, evergreens, vines, bulbs and tubers, greenhouse and house plants, ferns, palms, water plants, orchids and cacti. The illustrations are numerous, comprising 213 figures and halftone plates. There are 322 pages well bound and on heavy paper, teeming with helpful information. It is a book which no cultivator can afford to do without. It is worth many times its price. Copies can be supplied from the office of HORTICULTURE at publisher's price, \$1.50.

HORTICULTURE PUBLISHING CO.

147 Summer St., Boston, Mass.

Principles and Practice of Pruning

By M. G. KAINS

Lecturer on Horticulture, Columbia University

Few practices in the handling of plants, especially fruit bearing plants, attract so much interest as do those of pruning. The methods are so varied, the results so diverse, and the opinions of growers so apparently contradictory that this subject is always one of the most interesting, and the surest to hold attention and arouse discussion.

Particularly during the last ten or fifteen years when the principles of plant physiology have been more and more satisfactorily applied to plant production and management has interest settled in pruning. During the latter half of this time also more and more investigations and tests have been conducted by experiment stations and other workers to test out methods and principles in the interest of science and for the benefit of growers. The accumulation of such new knowledge has become very considerable especially in the last decade, but it is necessarily so scattered that very few growers have access to it, hence the demand for a book, which shall present the really important features of these investigations as well as set forth the fundamental principles based upon the laws of plant growth.

This volume is lavishly illustrated mainly by actual photographs of specimens which show good and bad practices. The author has spared neither time nor expense in gathering his photographs, each one of which tells its story.

After a few pages of introduction the author discusses Plant Physiology as related to pruning. A chapter takes up the Philosophy of Pruning, itself a very interesting subject. Then follows a classification and clear discussion of Buds, very fully illustrated from life. How Wounds Heal is an exceedingly interesting chapter, as are also those on Prevention and Repair of Mechanical Injuries, Pruning Nursery Stock, Young Trees, Mature Trees and Odd Methods of Pruning and Training, Rejuvenating Neglected Trees and Practical Tree Surgery.

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Vol. XXVII
No. 5
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HORTICULTURE



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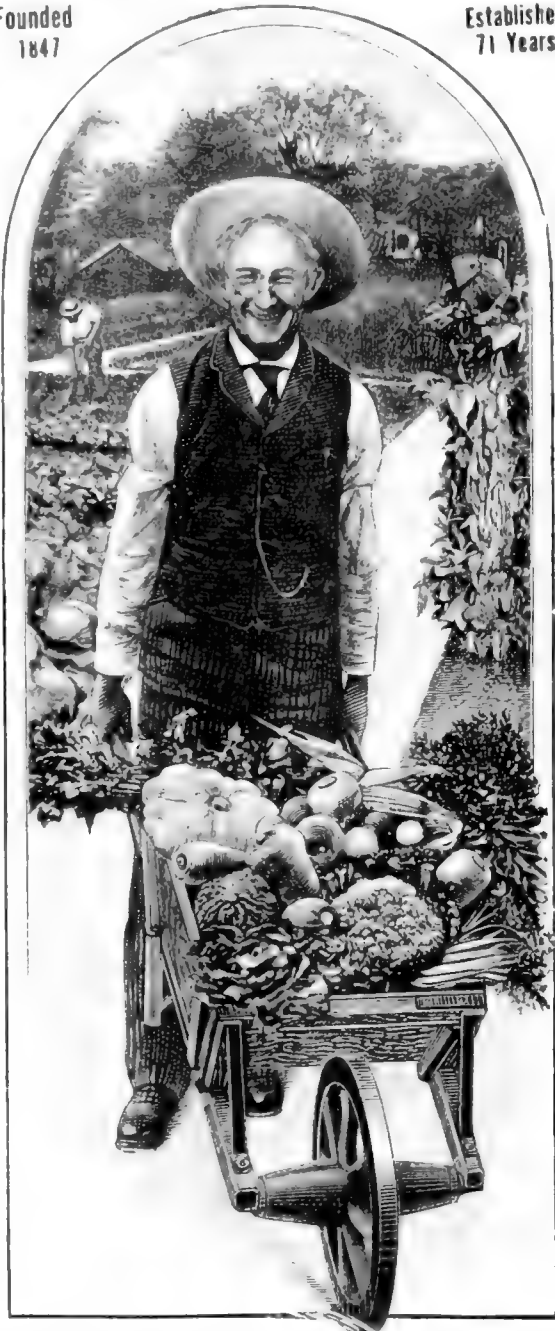
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AMERICAN CARNATION SOCIETY

Twenty-Seventh Annual Meeting and Exhibition—A Superb Exhibition, an Interesting Meeting and Enjoyable Banquet—C. S. Strout, Biddetford, Maine, Elected President

THE MEETINGS.

The greater part of the first day was spent in setting up the exhibition, judging, hand-shaking and exchanging views on war time problems, etc. The opening business session started at 8 o'clock p. m., Vice-president C. S. Strout occupying the chair. The first regular order was the message from President W. J. Vesey, Jr., now in military service.

President's Address

Fellow Members of the American Carnation Society:

Gentlemen:—Although I am many hundreds of miles away from you tonight, my heart is with you and I am glad of this opportunity to wish you all a prosperous and happy year, and may your convention and exhibit be a wonderful success.

I am supposed to present a President's address, one that shows a thorough acquaintance with the business, a clear knowledge of what is being done at the present time to combat the ever increasing problems of the trade, one that will suggest improvements in many ways, one that will deal with the heart of our business with clear insight and I might say a foreknowledge of the conditions to come.

In the position I now find myself, it is utterly impossible for me to make any worthy suggestions, having been away from my business and the necessary problems for over three months. Events happen rapidly in these days, and I feel confident that I am already behind the times.

You know, gentlemen, there is a song in the army that goes something like this: "We are in the army now, and not behind the plow." The song fits my case with exactness, as I have been away from the plow for so many weeks that I have grown rusty, and so, gentlemen, please forgive me for not helping you in carrying your burdens.

My position is not an uncommon one and no doubt many of you present tonight have an empty chair in your home, where a boy has gone forward to help the cause. Your burdens have now become twofold, but I feel that there isn't a man present but that will do more than his share and be happy in the knowledge that he too is doing all in his power to help our wonderful country toward a victory.

I know that the coal question has been uppermost in the minds of you gentlemen, for many weeks. The high prices you now pay for coal is a problem indeed and so far as I can see

there will be no drop this winter, but even the price isn't the worst feature; I believe it is the simple question of delivery. The government having taken over the control of the railroads may lighten the car shortage some, but no doubt it will be many weeks before even a slight improvement will be noticed. The only remedy I can suggest for another year would be to buy eight months' supply of coal in May and June and store it on your place.

I also know that express deliveries have been deplorable for many weeks. Many times, no doubt, you were uncertain when your express would be transported, owing to priority shipments, refusing to take your shipments at one time for two days. The question of prompt express service is serious with us, and I think you should take the question up with the S. A. F. & O. H. and see if some agreement can't be reached with the express companies whereby they will assure us of prompt deliveries.

I want to thank Vice-President Strout at this time for the able work I know he has accomplished and for taking my work upon his shoulders, for I know from experience that the man in charge of a carnation show doesn't have much time to do anything else but look after his own work. Although I am not present to see, I feel confident that he has accomplished splendid results. I want to thank Secretary Baur for his conscientious work during the past year, and I am glad to be able to tell you, gentlemen, that a secretary of his calibre would be hard to find. Don't let him get away.

I also want to extend my hearty thanks to the members of the associations in the city of Boston for the able work they have accomplished in helping make this show a success, and for their hospitality to the visitors.

I am indeed sorry that I am unable to be with you tonight, to see your faces again and enjoy your pleasant and interesting company, but I will live in hopes that before another year rolls away I will again be among you and helping to the best of my ability.

Secretary's Report.

Secretary A. F. J. Baur then read his annual report as follows:

During the past year we have added 31 new members to our list and re-instated 15 who had run delinquent. There are at this time 344 members

in good standing, there being 333 annual members and 11 life members. After deducting a number who are in arrears, we have a net gain of 21 in annual members and a loss of one life member.

On October 4th, we lost one of our ex-presidents and a life member in the death of J. A. Valentine of Denver, Col. Mr. Valentine served this society as president during the year 1911, he being elected at the last meeting held in this city. We were apprised of his death too late to send any flowers to the funeral. We also lost two annual members in the deaths of F. C. Bartels of Cleveland, O., who died on Sept. 13th, and A. J. Baur of Erie, Pa., who died on August 13th. All these men were known favorably to most of you.

During the past year we have collected in

Dues	\$592.00
Advertising	251.09
Miscellaneous	43.50

Total\$886.59
all of which was turned over to the treasurer.

On account of the unsettled condition of business early in this winter, we were able to secure only 22 pages of advertising for the premium schedule as against 26 pages in the 1917 schedule. We note, however, that practically all of our regular advertisers are represented. Our members should show their appreciation by patronizing these advertisers at every opportunity.

A number of special classes were added to the regular list of premiums, the premiums being donated by the Massachusetts Horticultural Society and the Gardeners' and Florists' Club of Boston. The Massachusetts Horticultural Society's premiums were withdrawn after the premium schedule had been distributed. One other special class was made possible by the donation of a \$75.00 solid silver vase, by The Chicago Feed and Fertilizer Co. of Chicago. This vase should bring out some lively competition. We also call attention to the fact that every carnation disseminated last season is included in our section C.

The unsatisfactory express service has prevented growers residing at a distance from making entries in the competitive classes. This has had the effect of localizing the competition. The growers of the vicinity of Boston are to be commended for the fine list of entries sent in, which should insure a splendid exhibit. We would suggest that for next year's convention a centrally located city be selected, so that shipments may be made from all direc-

tions without any transfers, these transfers being responsible for most of the delayed shipments. To our worthy vice-president, Mr. Strout, belongs the credit for the enthusiasm among the New England growers. Mr. Goddard, too, deserves special mention for his good work in the retail display section.

We have 265 members in good standing in the S. A. F. & O. H., and therefore are entitled to representation on the Executive Board of that society. Mr. Vesey, who has joined the colors, being unable to attend any of these Board meetings, arrangements are being made to have another member represent this society.

Since the last report, we have received four new American varieties for registration. Thirteen were received from the Perpetual Flowering Carnation Society of England.

On April 5th, 1917, this society received an invitation to participate financially in the Fifth National Flower Show, which was to be held in St. Louis this spring. By assuming a portion of the liability, this society was to participate in whatever profits might result in the same proportion. A special meeting was called in New York on August 22nd, to consider recommendations from the Board of Directors that this invitation be accepted. After due consideration the meeting voted unanimously to accept the invitation. The secretary was selected to represent this society in the arrangements for this show. On January 22nd the National Flower Show Committee conferred with the S. A. F. & O. H. Executive Board and decided to postpone the holding of this show until a more favorable time.

The Board of Directors held its usual post-convention meeting last January. Also the regular mid-summer meeting at the time of the S. A. F. & O. H. convention. At this latter meeting it was decided to recommend to this society that the junior ex-president be added to the Board of Directors. Notices were sent out on Dec. 1st, stating that final action would be taken at this meeting. The recommendations are that section 2 of the constitution be changed by inserting the words "junior ex-president" after the word "treasurer" in line two, making it read "The President, Vice-President, Secretary, Treasurer and Junior Ex-President and five other active members of the society (to be elected by ballot at annual meetings as hereinafter stated) shall together constitute the Board of Directors and shall hold office until their successors are elected."

The secretary's and treasurer's books were checked up by a public auditor, who found that all the society's funds are properly accounted for, as will be shown by his report which will be submitted at this meeting.

Treasurer's Report.

The report from Treasurer F. E. Dorner showed receipts for the year amounting to \$1,848.92; disbursements, \$1,382.64; balance on hand, \$466.28. Balance in permanent fund, \$2,625.21. Balance in Dorner Memorial Fund, \$1,002.97.

Messrs. Craig, Johnson and Nichol-

son were appointed a committee to prepare resolutions on the death of members during the past year. A telegram of good wishes was sent to President Vesey. There being no formal invitations for next year's meetings Carl Hagenburger suggested Cleveland, Ohio, as ready to welcome the Society and the matter of selection was left to the Board of Directors.

Officers were nominated as follows, there being no competition in any instance.

President, C. S. Strout, Biddeford, Me.; vice-president, Carl Hagenburger, Mentor, O.; secretary, A. F. J. Baur, Indianapolis, Ind.; treasurer, F. E. Dorner, Lafayette, Ind.; director to succeed S. J. Goddard, A. A. Pembroke, Beverly, Mass.; judges to succeed R. Witterstaetter and W. J. Palmer, S. J. Goddard and Jos. Hill, Richmond, Ind.

A very interesting discussion then ensued on the question as to Who Should Assume the Responsibility in Case of Frozen Flowers or Delay in Delivery. The discussion was opened by R. T. Brown of Cottage Gardens and participated in by W. E. Lenk of Halifax, Mass.; S. S. Skidelsky, E. Allan Peirce, Patrick Welch, A. L. Miller, Jamaica, N. Y.; Ernest Saunders, Lewiston, Me.; Carl Hagenburger, C. S. Strout, J. Harrison Dick and Jos. Hill.

The consensus of opinion seemed to be distinctly friendly to the express companies who, it was generally agreed had shown a desire to do all in their power to expedite and care for flower shipments and a willingness to settle satisfactorily when their agents were shown to be at fault when losses had occurred. All emphasized the necessity for careful packing, which would ensure arrival in good condition in all cases except where shipments were not neglected en route. Mr. Peirce advocated the division of large orders for cuttings, etc., into several shipments to provide against the possibility of total loss. Mr. Hagenburger urged that receivers of frozen shipments should be better informed than they are as to what to do to save the goods, by careful handling, slow thawing out in a low temperature, etc., which in many instances would save an entire shipment. Mr. Strout reminded members that parcel post insurance covers only the delivery of the packages but not any injury to the contents. It was to be understood, in regard to express forwarding that the express companies are subject to the rules of the railroad as to loading and unloading freight. A motion was carried that the legislative committee be instructed to take up the transportation question with the express companies to get at a better understanding and with the S. A. F. executive board.

An invitation was extended by S. J. Goddard on behalf of W. R. Nicholson and himself for a visit to their greenhouses at Framingham on Thursday afternoon.

The report of the exhibition judges was then read by the secretary and accepted.

At the Thursday morning session the entire list of nominations was accepted by unanimous vote as the officers for the ensuing year and they were duly declared elected. The

principal discussion was on the question "What Can the Society Do to Promote the Dissemination of Better Stock?" The meeting adjourned early to take in the visit to Framingham and return in time for the banquet which was scheduled to take place at 6.30 p. m. on account of the fuel administrator's order for the closing of the hall at 9.45 p. m.

THE EXHIBITION

The exhibition in Horticultural Hall must be accorded first place in the long line of successful shows by the American Carnation Society. As will be seen by the list of awards which follows it was almost exclusively a New England exhibition, the weather conditions and transportation difficulties having dissuaded exhibitors from any great distance undertaking the trip. The flowers were uniformly superb, as had been predicted and the chilly temperature of the hall favored their keeping in first class condition. Approximately ten thousand blooms were staged and there were absolutely no poor ones there. The outstanding features were the vase of Crystal White and new yellow variety from Cottage Gardens; Dorner's seedlings as shown by S. J. Goddard, which made an exhibition in itself, and the large, high-quality display by W. D. Howard. The show was admirably arranged for a nice view from the loggia. The tables, baskets and mantels from Penn the Florist, Carbone, Comley, Boston Cut Flower Co., and Julius A. Zinn, made a very pleasing effect. Goddard's big vase of Laddie arranged for effect was perhaps the most striking object in the hall. Altogether the display was an educational treat and a credit to the adherents of the divine flower.

List of Awards.

SECTION A.

Vases of 100 Blooms.

White—W. D. Howard, Milford, Mass., 1st with Matchless; Cottage Gardens Co., Queens, N. Y., 2nd with Crystal White.
Flesh Pink—S. J. Goddard, Framingham, Mass., 1st with Laddie; 2nd with Nancy.
Medium Pink—Cottage Gardens Co., 1st with Mrs. Ward; W. D. Howard, 2nd with Mrs. Ward.
Dark Pink—William Sim, Cliftondale, Mass., 1st with Rosette; S. J. Goddard, 2nd with Rosalia.
Red or Scarlet—W. R. Nicholson, Framingham, Mass., 1st with Belle Washburn; Littlefield & Wyman, Abington, Mass., 2nd with Belle Washburn.
Crimson—W. D. Howard, 1st with Bernice; S. J. Goddard 2nd with Doris.
White variegated—A. A. Pembroke, Beverly, Mass., 1st with Elizabeth; William Sim, 2nd with Benora.
Flaked—Littlefield & Wyman, 1st with Eastern Beauty.

SECTION B.

Vases of 50 Blooms.

White Wonder—A. A. Pembroke, 1st; Littlefield & Wyman, 2nd.
White Enchantress—E. A. Richards, Greenfield, Mass., 1st.
Matchless—Wm. R. Nicholson, 1st; A. H. Knight, Shrewsbury, Mass., 2nd.
Enchantress Supreme—William Sim, 1st; Ernest Saunders, Lewiston, Me., 2nd.
Pink Delight—W. D. Howard, 1st; A. H. Knight, 2nd.
Any other Flesh Pink—S. J. Goddard, 1st with Nancy; A. A. Pembroke, 2nd with Lady Northcliffe.
Pink Sensation—A. A. Pembroke, 1st; S. J. Goddard, 2nd.
Any other Light Pink—W. D. Howard, 1st with Cottage Maid.
Mrs. C. W. Ward—J. E. Nelson, Framingham, Mass., 1st; A. H. Knight, 2nd.
Any other Medium Pink—A. A. Pembroke, 1st with Good Cheer; Ernest Saunders, 2nd with Good Cheer.
Any other Dark Pink—A. A. Pembroke,

1st with Rosalia; Wm. Sim, 2nd with Rosette.

Beacon—J. E. Nelson, 1st; Ernest Saunders, 2nd.

Belle Washburn—W. R. Nicholson, 1st; N. W. Farr, Stoneham, Mass., 2nd.

Any other Scarlet—A. A. Pembroke, 1st with Champion.

Any other Crimson—Geo. E. Buxton, Nashua, N. H., 1st with Doris; S. J. Goddard, 2nd with Doris.

Benora—J. E. Nelson, 1st; W. D. Howard, 2nd.

Yellow Prince—S. J. Goddard, 1st.

SECTION C.

Varieties Disseminated 1916-1917, 50 Blooms Each.

Dorner premium for Rosalia won by W. D. Howard.

Baur & Steinkamp prize for Merry Christmas won by S. J. Goddard.

Goddard prize for Doris won by A. H. Knight.

Cottage Gardens Co. prize for Cottage Maid won by W. D. Howard.

SECTION D.

American Carnation Society gold medal for best vase of one hundred blooms, awarded to S. J. Goddard for Laddie.

S. A. F. & O. H. silver medal for best vase of fifty blooms undisseeded variety of American origin, awarded to S. J. Goddard for Laddie; bronze medal for second best fifty blooms, awarded to A. A. Pembroke for White Benora.

Fred Dorner memorial medal for best vase of one hundred any undisseeded seedling, awarded to Cottage Gardens Co. for Crystal White. Scored 92 points. Varieties qualified in preliminary competition to compete for the Dorner medal next year: 167-12, red, F. Dorner & Sons Co.; 119-12, pink, F. Dorner & Sons Co.; Bernice, crimson, W. D. Howard; 701, crimson, Cottage Gardens Co.

SECTION E.

Certificate of Merit for new or undisseeded varieties: C. Warburton for No. 2, red, 86 points.

Preliminary Certificates competed for by two year old varieties—must score 85 points for recognition: C. Warburton, No. 1, red, 86 points; No. 3, red, 87 points; No. 6, red, 88 points. Cottage Gardens Co., No. 809, yellow, 90 points.

SECTION F.

Special Premiums.

Hitchings & Co., sweepstakes in Section A, awarded to S. J. Goddard for Laddie.

Chicago Feed & Fertilizer Co. silver vase, awarded to S. J. Goddard for Laddie.

Gardeners' & Florists' Club of Boston prize for six vases of six varieties, fifty each, M. A. Patten, Lowell, Mass.

Roper prize for fifty Albert Roper, awarded to Wm. R. Nicholson.

The cash prizes originally offered by the Massachusetts Horticultural Society for various classes having been withdrawn, the following recognition was made of meritorious exhibits in that section: P. L. Carbone, Boston, table decoration, award of merit. Boston Cut Flower Co., table decoration and baskets, awards of merit. Henry R. Comley, Boston, mantel decoration, table decoration and cluster, awards of merit. Julius Zinn, Boston, mantel decoration, table decoration and cluster, awards of merit. Baur & Steinkamp, Indianapolis, Ind., vote of thanks for seedling 414, pink. Mark Roper, Tewksbury, Mass., vote of thanks for vase of Albert Roper. Peter Fisher, vote of thanks for vase of Alice. Miss Cornelia Warren, Waltham, Mass., vote of thanks for plant of Cattleya Percivalliana bearing 125 flowers. W. F. Kasting Co., Buffalo, N. Y., honorable mention for Chrysanthemums Hamburg Late White and Hamburg Late Pink. Harold A. Ryan, Cambridge, honorable mention for group of foliage and flowering plants. Eugene Dailledouze, Flatbush, N. Y., certificate of merit for Rose Ophelia Supreme. F. W. Fletcher, Auburndale, Mass., vote of thanks for antirrhinums and freesias. James Wheeler, vote of thanks for Daisy Etoile d'Or. Carl Hagenburger, Mentor, O., certificate of merit for Solanum Cleveland and silver medal for new Solanum Orange Queen bearing bright orange fruit.

Howard M. Earl, of Burpee's, Philadelphia, is in receipt of a letter dated January 11 from Lawrence S. Payne, who is well known in this country as traveler for the firm of Simon Louis Freres & Co. Bruyeres Le Chatel (Seine-et-Oise) France, stating that he was just leaving to take his place in the French Army as an artilleryman. Nurseries, So. Natick, Mass.; Thur-

N. E. NURSERYMEN'S ASSO.

This organization which concretely represents the nursery interests within New England held its seventh annual meeting in Boston on Tuesday and Wednesday, January 29 and 30, at the Hotel Bellevue.

The opening session, on Tuesday afternoon was devoted to addresses, reports, etc., and after routine business had been transacted two valuable papers were read, one by Dr. H. J. Wheeler of Boston on "Fertilizers for the Nursery" and one by V. A. Vanicek of Newport, R. I., on "Home Propagation." The annual dinner took place at 6 p. m., about fifty members being in attendance. Post prandial speeches of a patriotic character were made by many eminent members of the nursery trade and a very congenial and fraternal atmosphere prevailed.

On the second day, Wednesday January 30, the election of officers took place at the forenoon session. The list is as follows: President, A. E. Robinson of Breck-Robinson Co., Lexington, Mass.; vice-president, C. R. Burr, Manchester, Conn.; secretary, R. M. Wyman, Framingham, Mass.; treasurer, V. A. Vanicek, Newport, R. I.; executive committee, A. P. Horne, Manchester, N. H., P. M. Hubbard, Bristol, Conn., F. S. Baker. An "Experience Meeting," led by Prof. W. C. O'Kane of Durham, N. H., filled up the rest of the forenoon session, many interesting and novel views and facts being brought out in the discussion on the topic of insect enemies and their control, in which Prof. Rane, D. M. Rogers, E. J. Canning and other notable experts participated.

In the afternoon session, Curtis Nye Smith, counsel for the American Association of Nurserymen gave an interesting talk on the proposed "Embargo on Nursery Stock" and was followed by a general discussion on the everlasting topic of "Insect Pests." Principals or representatives of the following named firms were present: Adams, J. W., Nursery Company, Springfield, Mass.; Bay State Nurseries, The, North Abington, Mass.; Bohuslav, B. A., Newport, R. I.; Brandley, James, Walpole, Mass.; Breed, Edward W., Clinton, Mass.; Breck-Robinson Nursery Company, Lexington, Mass.; Burr, C. R. & Company, Manchester, Conn.; Canning, E. J., Northampton, Mass.; Chase Company, The Benjamin, Derry, N. H.; Clarke, Daniel A., Fiskeville, R. I.; Elm City Nursery Company, The, New Haven, Conn.; Fish, C. R. & Co., Worcester, Mass.; Framingham Nurseries, Framingham, Mass.; Frost, Howard, Newton, Mass.; Gillett, Edward, Southwick, Mass.; Greaton, Charles H., Providence, R. I.; Heurlin, Julius, So. Braintree, Mass.; Horne, A. P. & Company, Manchester, N. H.; Hoyt's Sons Company, The, Stephen, New Canaan, Conn.; Hubbard, Paul M. & Company, Bristol, Conn.; Hunt, W. W. & Company, Hartford, Conn.; Kelsey, Harlan P., Salem, Mass.; McManmon, J. J., Lowell, Mass.; New England Nurseries Company, The, Bedford, Mass.; Northeastern Forestry Company, The, Cheshire, Conn.; Old Town Nurseries, So. Natick, Mass.; Thur-

low's Sons, T. C., West Newbury, Mass.; Turner & Company, Charles, Hartford, Conn.; Vanicek, V. A., Newport, R. I.; Vincent, Jr., White-marsh, Md.; J. Harrison Dick, Florists' Exchange, New York; Wright, George B., Chelmsford, Mass.

A report was made by the members present of their gross amount of business contracted during the past year, and the report showed that they had done over \$1,000,000 worth.

Committees were appointed as follows:

Publicity—W. H. Wyman, North Abington, Mass.; H. P. Kelsey, Salem, Mass.; E. F. Coe, New Haven, Conn.

Membership—E. W. Breed, Clinton, Mass.; Stephen Hoyt, New Canaan, Conn.; Charles W. Morey, Woonsocket, R. I.

Legislation—J. J. McManmon, Lowell, Mass.; W. R. Pierson, Cromwell, Conn.; D. A. Clarke, Fiskeville, R. I.

SEEDS WILL WIN THE WAR—SOW THEM.

I have read with interest the suggestion of Mr. David Burpee anent changing the slogan of the American Government:

Food will win the war. Don't waste it.

Food will win the war. Produce it. There is a thought back of the suggestion, and a good one; but it also kills a good slogan. Cutting out the "Don't waste it" part takes the life out of the applications. To the unthinking (the great majority) it would be interpreted, you can go on wasting so long as you produce.

As an alternative I would suggest that the seed trade adopt a helpful slogan of their own—for instance:

Seeds will win the war. Sow them.

This would meet the approval of the powers that be and encourage cordial feelings towards our business instead of suggesting criticism of jealous and patriotic officials who have been doing splendid and unselfish work.

Another good slogan might be added to the foregoing:

Seeds rule the world. Don't waste them.

That being true of all food products from animals and vegetable life, but it would not be readily understood by the multitude and therefor is not so important as the other one and for the seed trade should take a secondary place.

GEORGE C. WATSON.

CROMWELL PATRIOTISM.

Cromwell Gardens, Conn., have fifty of their regular employees now in their country's service, only two of whom were drafted; the rest were all volunteers. John Wallace and Victor Streckfus are 2nd lieutenants at Camp Mills, Charlotte, N. C.; R. T. Beers has been promoted from 2nd to 1st lieutenant; he and 1st lieutenant Cardarelle are in the 302nd Machine gun regiment at Camp Devens, Ayer, Mass. Fred C. Wilson is a sergeant and is now in the officers' training camp "over there," and in line for promotion to 2nd lieutenant. Corporal Sebastian Melardo, in Pershing's forces in France, who went out in the Conn. National Guards, Co. C, is reported dead from meningitis.

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Some concession We learn from the Chicago papers that the Cook County fuel administration has decreed that Chicago florists may fill orders on "heatless" Mondays for funerals, weddings and the sick, only. This restriction is far from drastic and the florists will, no doubt, gracefully accept and comply. Should flowers be sent to all the sick people who would enjoy them and be benefited by having them there would not be enough to go around. "Slogan" makers, get busy; set your wits to work and strike out something new that will fit the case.

Seed conservation Mr. Earle's contribution to our columns this week comes at a very opportune time and should have a thoughtful reading. There is a very serious seed shortage and the wisdom of a careful conservation of what we have must be apparent to all. It should be made to go as far as possible in supplying the needs of those who will use it with judgment and not waste it. Amateurs should be encouraged to buy young plants

grown by experts whenever possible and set them out in their gardens in preference to trying to produce their own plants from seed, a course which will bring them a measure of success not otherwise possible. One of the things which the average amateur is very slow to learn is that it takes but a single seed, however minute, to make a full-fledged plant.

Curtailling Many of the wealthy summer residents of Newport and elsewhere are closing up their conservatories either voluntarily or under orders from the local fuel authorities and the coal that would have been used to heat these greenhouses will be devoted to home needs. Several cars of coal consigned to the Newport estate of E. J. Berwind of New York have been confiscated. Mr. Berwind is president of one of the largest coal companies in the country and it would appear that there is no "respect of persons" with the administrator. Or is it possibly a "camouflage"! It has been suggested that the shutting down of so many private conservatories at this time should tend to increase the sale of commercially grown flowers. We shall see. Let us hope so.

The bright side The old saying that "It is an ill-wind turns none to good" holds as true today as when it was first written, some four hundred years ago. It applies quite nicely to the carnation show now open in Horticultural Hall, Boston. In obedience to the order of the fuel administration the big exhibition hall is not heated and the temperature is, therefore, not exactly comfortable for humankind without overcoats and furs but for the carnations it is fine. Never before have they stood up so bright and crisp, so wakeful and sprightly, and the American Carnation Society will do well to record it as an experience to be kept in mind as worthy of repeating when arranging for future shows. No flower more thoroughly enjoys cool pure air than does the carnation. It not only enjoys but demands it.

Seed scarcity Reports indicate a large shortage of seed of some of the leading vegetable crops. Shortages have resulted from failures of seed crops in this country, failure to receive usual shipments of seed from foreign countries and also from the unprecedented demand for garden seeds last spring. In consequence of this unfortunate condition, many of the leading seedsmen are notifying their customers that should they be unable, in certain cases, to supply the particular varieties called for they will endeavor to complete orders with other standard sorts, as near as possible to those ordered. No seed house of high character would ordinarily think of substituting other varieties of seeds for those ordered, without giving notice or having an understanding with the customer to that effect but the exceptional conditions now existing in the seed trade in all parts of the world make it inevitable that planters in a great many cases must accept varieties other than those they would prefer or else go entirely without. Choice, under such circumstances, may safely be left to the judgment of any well-informed and reliable seedsmen. Having sent notice broadcast of the insuperable difficulties under which he must work and announced his intention to fill orders by substitution when stock called for is exhausted, he has a right to expect the customer to accept and make the best of it. The safest course for anyone disposed to be exacting is to place orders at once. It looks as though there would be plenty of disappointments ahead and he who procrastinates will surely get a large share of them.

CITIES FACING A FAMINE IN FRESH VEGETABLES

Uncle Sam has emphatically stated "Food Will Win the War" and this is absolutely true, not only pertaining to supplies for our Allies, but also as a means of sustenance for munition workers in our large cities.

Florists, market growers and truckers—here is your opportunity to help win the war. Those truckers located near large cities should if possible increase their acreage, bearing in mind the tens of thousands additional workers now residing in large cities and who must be fed during the summer along with those making up the normal population. The florist and market grower anticipating a reduced demand for out-door flowers can assist greatly by producing vegetables of all kinds, but especially the long-keeping kinds, such as carrots, cabbage, onions, peppers (green and red), tomatoes, parsnips, turnips, ruta bagas, etc. The florist having vacant space in the greenhouse can, to advantage to himself and the amateur gardener, produce plants of cabbage, cauliflower, celery, egg plant, onion, parsley, pepper, tomatoes and a few popular herbs.

A great opportunity exists for many florists to be

patriotic and at the same time obtain a source of income from what otherwise may be idle or vacant benches. The majority of *amateur gardeners* are better off with plants rather than seeds of the vegetables mentioned. As many know, egg plants are rather difficult to handle when plants are small—sow the seed early and shift from time to time thus offering a plant that will fruit abundantly under ordinary conditions and thus help release a lot of meat for the "boys in the trenches." It is not difficult to transplant seedling onions into flats and later sell to the amateur gardeners at so much per hundred,—frequently these plants mature bulbs quite as quickly as the sets.

Help win the war! Let the "stay at homes" eat green or fresh vegetables and send the dried foods or grains to our own boys and the Allies. If you are going to help—get busy at once.

Philadelphia.



S. A. F. PUBLICITY CAMPAIGN.

A feature of the Publicity Campaign in the past week was the presentation of a report of progress in detail by Henry Penn, chairman of the Publicity Committee, to the Executive Board of the Society in session January 21, 22, at Hotel Jefferson, St. Louis. The report showed that contracts had been placed already for the national magazine advertising decided upon for the opening of the campaign, the cost of same and the incidental expenses connected with the preparation of the copy and much of the auxiliary work contemplated. Mr. Penn was present at the meeting and took part in a lengthy discussion covering publicity matters in general.

The secretary is now receiving a number of orders from the members of the Society for newspaper electrotypes, transparencies and glass signs, all designed to direct the demand which is expected to be forthcoming from the public advertising to the stores of individual members throughout the country. Proofs of the electrotypes and transparencies have been mailed over the membership list, and the glass sign is on view at the secretary's office. The electrotypes can be mailed at once, but the transparencies and glass signs will not be available before February 18th.

Those who contemplate a subscription to the fund—and who does not?—can serve their fellow workers well by getting it into the hands of the Secretary without unnecessary delay. It is not hard to realise that the plans of the Publicity Committee are entailing large expenditures, and all must be met from these subscriptions—and they are wanted *now*.

Chairman George Asmus of the Publicity Finance Committee announces the following additional subscriptions:

Annually for four years: North Floral Co., Ft. Dodge, Ia., \$5; C. H. Frey, Lincoln, Neb., \$100; Dole Floral Co., Beatrice, Neb., \$12.50; Eiche Floral Co., Lincoln,

AN ASIATIC FLORIST'S STORE AND A GREAT BOTANICAL GARDEN.



Our illustration shows an interesting view of a florists' establishment in Dairen, Korea. We are indebted to R. M. Ward of New York, who has recently returned from an Asiatic tour, for the photograph, also for the beautiful palm avenue picture, which adorns this week's title page. The three gentlemen who appear in the cut are R. M. Ward, E. H. Wilson, the Chinese explorer, and Inosuke Arai.

The Botanical Garden at Buitenzorg (Care-free), Java, is very famous and

must be seen by every visitor to that country. It was founded in 1817, and is recognized as the greatest scientific and practical botanical garden in the world. All its departments are managed by expert scientists, assisted by a force of some two hundred native employees. It has an area of 58 hectares, equivalent to about 5,800 acres, and it takes two hours to walk over its main roads only. We have some more interesting views in this garden which we shall show from time to time.

Neb., \$25; Lewis Henderson, Omaha, Neb., \$50; Alfred Burton, Chestnut Hill, Pa., \$50; Geo. B. Hart, Rochester, N. Y., \$25; C. Eble, New Orleans, La., \$5; Hoskins Floral Co., Bismarck, N. D., \$5; Forber & Bird, Davenport, Ia., \$5; Julius Reek, Bridgeport, Conn., \$5; Geduldig Greenhouses, Norwich, Conn., \$10; E. Ashley, Allentown, Pa., \$4; Furrow & Co., Guthrie, Okla., \$15; D. G. Newport, Cedar Rapids, Ia., \$5; Myers & Samtman, Chestnut Hill, Pa., \$100; Denison Greenhouses, Denison, Tex., \$5; Herman R. Fisher, Marysville, Kans., \$5; M. C. Wood Seed & Floral Co., Hillsboro, Tex., \$10; Geo. E. Buxton,

Nashua, N. H., \$10; P. & W. O. Jahn, East Bridgewater, Mass., \$10; John G. Bettmann & Son, New Albany, Ind., \$10; Eugene Leland, Newton, Baltimore, Md., \$10.

For three years: Enshaw Floral Co., Lincoln, Neb., \$10.

For one year: Wm. Tricker, Arlington, N. J., \$10; Bohannon Floral Co., Chicago, Ill. (rental "Boehlmann" picture), \$25; F. T. Bolger, Charleston, S. C., \$5; Wm. J. Baker, Philadelphia, Pa., \$10; Chapin Bros., Lincoln, Neb., \$25.

Total, \$506.50. Previously reported from all sources, \$28,717.00. Grand total, \$29,223.50.

CLUBS AND SOCIETIES

AMERICAN ROSE SOCIETY.

The following rose has been offered to the Executive Committee of the American Rose Society for registration, and unless objections are made within three weeks from the date of this publication, it will be accepted:

Name Florence Chenoweth or Yellow Harriot; Class—Austrian Briar; Parentage of rose—Mme. Edouard Harriot Sport. Description:—Habit of plant—identical with parent; character of foliage—identical with parent; freedom of growth and hardiness—vigorous flower—large; color—yellow shaded with coral red; bud—long and pointed.

The rose is similar to Mme. Edouard Harriot but is different in its color, being a deeper yellow.

Registration requested by E. B. Chenoweth, Mt. Vernon, Wash.

E. A. WHITE, Sec'y.

TENNESSEE HORTICULTURISTS.

The Thirteenth Annual Convention of the Tennessee State Florists' Association, Tennessee State Horticultural Society, Tennessee State Nurserymen's Association and Tennessee Beekeeper's Association was held on January 29, 30, 31, February 1, 1918, at Nashville, Tennessee, with headquarters at The Hermitage Hotel.

There was an interesting program of addresses and discussions. The president and secretary-treasurer of the various organizations are as follows: Tennessee State Florists' Association—President, W. C. Johnson, Memphis; Secretary-Treasurer, G. M. Bentley, Knoxville. Tennessee State Horticultural Society—President, J. C. Pruett, Union City; Secretary-Treasurer, O. M. Watson, Knoxville. Tennessee State Nurserymen's Association—President, Geo. W. Poague, Graysville; Secretary-Treasurer, G. M. Bentley, Knoxville. Tennessee Beekeepers' Association—President, Dr. J. S. Ward, Nashville; Secretary-Treasurer, C. E. Bartholomew, Knoxville.

P. W. POPP.

Our illustration shows the features of one of the most sprightly and versatile members of "the New York bunch." P. W. Popp holds quite a variety of offices this year, including the presidency of the Westchester and Fairfield Horticultural Society and vice-presidency of New York Florists' Club and National Association of Gardeners. In addition to these he is superintendent of "Seven Oaks," the beautiful estate of Mrs. H. Darlington at Mamaroneck, where his skill as a gardener is strikingly demonstrated in the numerous high honors won in hotly contested competition at the big shows in the metropolis and elsewhere. He is known as a man who puts through anything he undertakes.

MEETINGS NEXT WEEK.

Monday, Feb. 4.

Bernardsville Horticultural Society, Horticultural Hall, Bernardsville, N. J.
 Elberon Horticultural Society, Fire Hall, Elberon, N. J.
 Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
 Montreal Gardeners' and Florists' Club, Montreal, Canada
 New Bedford Horticultural Society, New Bedford, Mass.
 Washington Florists' Club, Washington, D. C.
 Cleveland Florists' Club, Cleveland, O.

Tuesday, Feb. 5.

Florists' and Gardeners' Club of Holyoke and Northampton, Mass.
 Lake Geneva Gardeners' and Foremen's Association, Horticultural Hall, Lake Geneva, Wis.
 Los Angeles County Horticultural Society, Los Angeles, Cal.
 Paterson Floricultural Society, Y. M. C. A. Bldg., Paterson, N. J.
 Florists' Club of Philadelphia, Philadelphia, Pa.
 Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, Pittsburgh, Pa.

Wednesday, Feb. 6.

Tuxedo Horticultural Society, Tuxedo Park, N. Y.

Thursday, Feb. 7.

Albany Florists' Club, Albany, N. Y.
 Reading (Pa.) Florists' Association, Reading, Pa.
 Southampton Horticultural Society, Old Fellows Hall, Southampton, N. Y.

Friday, Feb. 8.

Connecticut Horticultural Society, County Building, Hartford, Conn.
 Westchester and Fairfield Horticultural Society, Dorans Hall, Greenwich, Conn.

Saturday, Feb. 9.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

FARMERS' WEEK AT CORNELL, ITHACA, N. Y.

Program for Department of Floriculture.

MONDAY, FEBRUARY 11.

2 p. m. Lecture and demonstration: Soil and its preparation for ornamental plant culture. Prof. D. Lumsden.

TUESDAY, FEBRUARY 12.

Meeting of the New York Federation of Horticultural Societies and Floral Clubs.

9 a. m. Some herbaceous perennials of commercial value (illustrated). C. L. Thayer.

10 a. m. What research can do for the florist. Dr. A. C. Beal.

11 a. m. Diseases of floricultural crops. Dr. L. M. Massey.

2 p. m. Soils for greenhouse crops. Prof. F. W. Morse.

3 p. m. How the agricultural college can best serve the florist. Fifteen minute talk: (a), The cut-flower specialist, F. R. Pierson; (b), The plant specialist, Anton Schultheis; (c), The retailer, S. A. Anderson; (d), The amateur flower grower, E. M. Mills.

4 p. m. Business meeting of the Federation.

WEDNESDAY, FEBRUARY 13.

10 a. m. Fertilizers for the home flower garden. Prof. F. W. Morse.

11 a. m. The perennial garden (illustrated). Prof. D. Lumsden.

12 m. The rose garden (illustrated). Dr. A. C. Beal.

2 p. m. Lecture and demonstration on floral arrangement. Prof. E. A. White.

THURSDAY, FEBRUARY 14.

9 a. m. Some of the best house plants and their culture. Miss L. A. Minns.

10 a. m. Periodicals on flower growing. Dr. A. C. Beal.

11 a. m. Insects that attack house plants, and their control. Dr. Robert Matheson.

2 p. m. Propagation and containers for house plants. Miss L. A. Minns.

FRIDAY, FEBRUARY 15.

9 a. m. Garden lilies. Prof. D. Lumsden.

10 a. m. Sweet peas. Dr. A. C. Beal.

11 a. m. Garden iris. M. E. Farnham.

12 m. Primroses. Miss L. A. Minns.

2 p. m. Lecture and demonstration on bulb growing for the home. C. L. Thayer.

3 p. m. Round table.

SATURDAY, FEBRUARY 16.

9-12 a. m. All members of the floricultural staff will be at the greenhouses for the purpose of answering any questions regarding amateur or commercial flower-growing.

CLUB AND SOCIETY NOTES.

The annual meeting of the Central New York Horticultural Society was held in New Hartford, January 4. While exhibitions well be held as usual this year, there will be no lectures and the big annual exhibit



P. W. POPP
 Vice President, New York Florists' Club.

The Trade's First National Co-operative Ad

It will appear in the more than 2,000,-000 copies of the Saturday Evening Post, dated February 9, out February 7. Every Florist should send \$1.00 to Secretary John Young, 58 West 28th street, New York, for an electro of the ad and run it, with his own name instead of that of the S. A. F., in his best local paper February 11, 12, 13.

"Say it with Flowers"

On St. Valentine's Day

FEBRUARY 14th, and every other day, give flowers to your nearest and dearest. In their beauty, life and fragrance, flowers are the perfect, the most charming tokens of your sentiments. On St. Valentine's Day, "Say it with Flowers." One important thing to consider about Flower-Valentines is their arrangement, and in this particular, there is great scope for individual preference.

*Corsage Bouquets for personal use
Decorative arrangements of flowers in baskets
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*Hampers of growing plants that last indefinitely
Combinations of Spring Flowers
Dainty Plants in full blossom*

Florists everywhere can offer you original suggestions, at prices exceedingly moderate, and will give to each order, the most painstaking care and attention. Arrange with your local florist at once for your Flower-Valentines. It is always convenient to buy flowers for there is a florist as near as your nearest phone.

"Say it with Flowers" is the title of a dainty 16-page booklet, beautifully illustrated in color, on the etiquette and uses of flowers, sent free on request.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS
49 West 28th Street, New York City

YOU men who are away from home may order your Flower-Valentines to be sent to any address in the United States or Canada through the Florists' Telegraph Delivery

is to be abandoned. The following were elected: President, F. L. Wright; vice-president, Prof. A. B. Sanders, Clinton; secretary, Miss Frances Johnson; assistant secretary, J. A. Ganey; treasurer, B. D. Leonard.

The regular monthly meeting of The Florists' Club of Philadelphia will be held in the Grand Fraternity Building, 1626 Arch street, second floor, on Tuesday evening, February 5th, 1918, at 8 o'clock. Prof. J. C. Saunders, Zoologist, Harrisburg, Pa., has a very important and interesting message to deliver to the club. This will be Sweet Pea Night, also Patriotic Night, and the service flag will be presented to the club.

The Morris County (N. J.) Gardeners' and Florists' Society had in 1917 five monthly lectures, two of them illustrated, and one annual flower show, which all the members are proud

of. Not a cent was given as a prize. The entire proceeds went to the American Red Cross Society, the Morristown chapter receiving \$400 and the Madi-

son chapter \$300. Every member worked hard and friends and patrons aided to a great extent, even though they were burdened in other directions.

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	1 oz.	1 1/2 lb.		1 oz.	1 1/2 lb.
CABBAGE, Extra Early			LETTUCE, Eclipse Cos...	.15	.50
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CABBAGE, Danish Round-			Globe.....	.50	1.90
head.....	.40	1.50	ONION, Southport White		
CABBAGE, Large Late			Globe.....	.50	1.90
American Drumhead.....	.30	1.00	ONION, Danvers Yellow		
CAULIFLOWER, Extra			Globe.....	.50	1.90
Early Snowball, 1/4 oz., 90c.	3.50		PEPPER, Selected Chinese		
CELERY, B's Improved			Giant.....	1.00	
White Plume.....	.30	1.00	RADISH, B's Early Frame	.20	.75
CELERY, Golden Self			RADISH, French Breakfast	.20	.75
Blanching (Fr. Grown)...	1.00	3.75	RADISH, Early Scarlet		
EGG PLANT, Early Black			Globe.....	.20	.75
Beauty.....	.60	2.00	TOMATO, Acme.....	.30	1.00
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BERMUDA ONION SEED.

SOUTHWEST CAN PRODUCE REGULARLY
BETTER SEED THAN IS IMPORTED

Recommending that American seed growers should supply the home demand for Bermuda onion seed, the United States Department of Agriculture says that the seed may be profitably grown in certain regions of the southwestern United States.

In 1916 the United States imported from Teneriffe, Canary Islands, about 75,000 pounds of Bermuda onion seed. The usual retail price of this seed is from \$2 to \$2.50 a pound, though in years of scarcity the price has gone as high as \$6 a pound. Until recently this country produced no Bermuda onion seed at all; and though good yields of the seed have been obtained at Laredo, Texas, the yield has not been wholly dependable from year to year. While in 1916 and the present year considerable California-grown Bermuda seed has been offered to the trade, the importance of producing a supply of seed from carefully selected mother bulbs was given special prominence by the results obtained through work of the Department of Agriculture begun at Sacaton, Arizona, in 1913 and 1914.

A few years ago the Bureau of Plant Industry cooperated with the Office of Indian Affairs in an experimental growing of Bermuda onion seed on the Pima Indian Reservation at Sacaton, Arizona, and the results show that there, and in similar localities, reliable supplies equal to the best imported from Teneriffe, can be grown. It is further stated by the Department of Agriculture that seed from carefully selected stock has been uniformly superior to the run of imported Bermuda seed. Since onion growers in the Coachella Valley of California have achieved results similar to those at Sacaton, the department feels justified in saying that the American demand can soon be supplied with home-grown seed. Furthermore, the home seed when grown from mother-bulbs of carefully selected strains promises a 25 per cent. better yield than that from the imported seed. In 1917 the Bermuda onion crop of the United States, largely from Texas, was nearly three million crates. An increase of one-fourth means, therefore, says the department, that the incentive for a home-grown seed industry goes far beyond the mere question of replacing the volume of imported seed with an equal quantity raised at home.

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9/10 (200 per case)..... 100.00 " "

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Trade Pkt. 60 cts.; Ounce \$4.00.
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PETUNIA: California Ruffled Giants. Trade Pkt. \$1.00.
PETUNIA: Giant Perfection Hybrids Double. 500 seeds
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VERBENA: Mammoth Strain all colors. Trade Pkt.
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Among the many new features are departments on Home Garden Work, School Garden Work, Demonstration Garden Work and Field Garden Work. In reality, this year's edition combines several catalogs in one, for it also includes "Garden Manual," and surpasses all previous editions. It contains answers to more than 100 questions and gives invaluable information regarding all varieties of plants listed, and is fully illustrated.

Not only does it tell all about seeds, but gives full information concerning the correct tools and implements agriculturists should use to obtain the best results. There are also marketing notes on each subject, telling how and where to market. Most useful hints are also given on poultry, spraying, fertilizing and the use of insecticides.

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We Cover all Points in Maine

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LEADING FLORISTS

38 Dorrance Street

Member Florists' Telegraph Delivery

Of Interest to Retail Florists**NEW FLOWER STORES.**

Pittsburgh, Pa. J. H. Gallagher, 221 Diamond street.

New York, N. Y.—F. J. Freund, removed to 976 Second avenue.

NEWS NOTES.

Sewell, N. J.—John L. North, florist, has been heating his greenhouses with a dozen oil heaters, and figures that he burned \$9 worth of oil a week, while the same amount of heat from coal would have cost him \$40.

Auburn, Me.—Napoleon Fanneuf started his big forcing greenhouses Feb. 1st. Mr. Fanneuf plans pulling down his small houses and building several larger ones. Harry Wolf also starts his greenhouses the first of the month.

Atlantic City, N. J.—Florists, who have been uneasy as to the application of the fuel rule to flower stores have been much relieved by information from Assistant Fuel Administrator Noyes in Washington that they could burn such fuel as was necessary to protect their plants and stock from damage and ruin.

Wilkes-Barre, Pa.—Wilkes-Barre authorities have directed that the greenhouses of the city be given over to the growing of medical plants and herbs, to make up the shortage caused by war. The culture will be under the direction of C. L. Seybold, supervisor of parks. The plants to be started in the greenhouses are belladonna, digitalis, valerian and sage.

Springfield, Mass.—Damage estimated at \$5000 was done to the building at 3 East Court street recently when fire started in the section of the block occupied by William H. Schlatter, florist, in the manufacture of florist novelties. The building is heated by stoves and it is supposed that the one in the Schlatter section became too hot and a spark from it set fire to the building.

**IN THE
National Capital**

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKE

Connecticut Ave. and L St.
WASHINGTON, D. C.

Established 1874

DARDS

FLORIST

N. E. Cor. 44 St. & Madison Avenue, N. Y. City

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Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address. Dardsflor.

We should all strictly adhere to the request of the United States Food Administration.

**JOHN BREITMEYER'S
SONS**

Cor. Broadway and Gratiot Aves.
DETROIT, MICH.

**Artistic Designs . . .
High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.
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4244 ST. N.W.
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WASHINGTON, D. C.

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Members Florists' Telegraph Delivery

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NEW YORK

413 Madison Ave. at 48th Street
Also Newport, R. I.

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MEMBER F. T. D. A.

CHICAGO Send Your Orders to WILLIAM J. SMYTH

Member Florists' Telegraph
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Michigan Ave. at 31st Street

Prompt Auto Delivery
Service

THOS. F. GALVIN
INC.
NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street
Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
KNOBLE BROS.
1896 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

CLEVELAND
A. GRAHAM & SON
5523 Euclid Ave.
Will take good care of your orders
Members of F. T. D. Association.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506. Long Dist. Bell Phone 2786
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S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.

WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

VISITORS' REGISTER.

Cleveland, O.—Charles Schwake, New York; L. L. Lamborn, Alliance, O.
New York—Jos. Hill, Richmond, Ind.; George C. Watson, Philadelphia. Philadelphia—Mr. Meller, J. H. Small & Sons, Washington, D. C.; John Harris, Harris Bros., Pittsburgh, Pa.

Pittsburgh—F. G. Neilson, Burlington Willow Ware Shops, Burlington, Iowa; Mr. Rosenfeld, New York; J. J. Goudy, repr. Henry A. Dreer, Phila.; Isaac Bayersdorfer, Phila.; Milton Alexander, New York.

Chicago—Jas. McLaughlin, of J. M. Gasser Co., Cleveland, Ohio; R. E. Jones, of the Advance Co., Richmond, Ind.; Sam Seligman, New York; Otto Kuchnell, Hart, Mich.; H. E. Philpott, Winnipeg, Man.; Julius Dilloff, of Schloss Bros., N. Y.; Robert Groves, Adams, Mass.; C. F. Gaetzen, Supt. of Parks, Rock Island, Ill.

Boston—W. R. Pierson, Cromwell, Conn.; R. Vincent, Jr., White Marsh, Md.; A. Herrington, Madison, N. J.; J. Harrison Dick, New York; S. S. Skidelsky, Phila.; H. A. Cook, Shrewsbury, Mass.; A. F. J. Baur, Indianapolis, Ind.; Jos. Hill, Richmond, Ind.; R. T. Brown, Queens, N. Y.; Eugene Dailledouze, Brooklyn, N. Y.; C. Hag-enburger, Mentor, O.; Ernest Saunders and Thos. Pegler, Lewiston, Me.; Geo. H. Meloon, Gorham, Me.; Fred Green, Providence, R. I.; George Minot, Portland, Me.; C. W. Johnson, Morgan Park, Ill.; W. D. Howard, Milford, Mass.; J. H. Playdon, Andover, Mass.; Robert Kift, Phila.; Prof. Hecht, Amherst, Mass.; A. L. Miller, Jamaica, N. Y.; C. S. Strout, Biddeford, Me.; E. A. Richards, Greenfield, Mass.; W. W. Hunt, Hartford, Conn.; R. J. Irwin, New York; Chas. H. Vick, Rochester, N. Y.

BUSINESS TROUBLES.

Boston—Benj. Harry Green, florist, Jan. 16, 1918. Liabilities, \$4,638; assets, \$252. Largest creditors: Jos. H. Shindler, Roxbury, \$500, secured; H. H. Howard, Boston, \$250; M. Rice & Co., Phila., Pa., \$247; Jos. H. Shindler, Roxbury, \$380; Tremont Trust Co., Boston, \$300, unsecured.

YALE! YALE!
And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
J. N. CHAMPION & CO.
1026 Chapel St., New Haven, Conn.

F. R. PIERSON CO.
FLORISTS AND
PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

ST. LOUIS, MO.

FRED C. WEBER
4326-28 Olive St.

Member Florists' Telegraph Delivery Association
NOTICE INITIALS. We have one store only

THE J. M. GASSER COMPANY,
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Euclid Avenue

The Far-Famed Flowers of
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Delivered on mail or telegraph order for any occasion, in any part of the Dominion.

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ALBANY, N. Y.
EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

BEAUTIES

Orchids - Cypripedium
White Lilac

Just remember that we are Headquarters for them
and we can supply you with good stock.

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

EDWARD REID WHOLESALE FLORIST

1619 - 21 Ramstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

5 So. Mole St., PHILADELPHIA, PA.

GEORGE B. HART

WHOLESALE FLORIST

24 Stone St., Rochester, N. Y.

E. G. HILL CO.

Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS
Consignments Solicited

Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO



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Before Looking Elsewhere

Tell Them You Did So And
They'll Reciprocate

POEHLMANN BROS. CO.

Supply of Best Cut Flowers all the Year Around
72-74 EAST RANDOLPH ST., - - - CHICAGO.

If interested, send us your name and address for our weekly price list

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.
2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON Jan. 31		ST. LOUIS Jan. 28		PHILA. Jan. 28	
Roses						
Am. Beauty, Special	15.00	to 50.00	40.00	to 50.00	.....	to 50.00
" " Fancy and Extra	15.00	to 25.00	30.00	to 40.00	25.00	to 35.00
" " No. 1 and culls	4.00	to 8.00	1.00	to 10.00	10.00	to 20.00
Russell, Euler, Mock	4.00	to 12.00	8.00	to 25.00	6.00	to 35.00
Hudley	4.00	to 15.00	5.00	to 15.00	8.00	to 20.00
Arenberg, Hoosier Beauty	4.00	to 12.00	.....	to 15.00	5.00	to 15.00
Ward	4.00	to 10.00	4.00	to 8.00	.....	to 10.00
Killarney, Radiance, Talt	4.00	to 12.00	4.00	to 10.00	6.00	to 10.00
Ophelia, Sunburst, Hillingdon	4.00	to 15.00	10.00	to 15.00	6.00	to 12.00
Carnations	1.00	to 3.00	2.00	to 5.00	3.00	to 4.00
Cattleyas	25.00	to 35.00	.....	to 75.00	25.00	to 50.00
Dendrobium formosum	.....	to 50.00	.....	to 75.00	60.00	to 75.00
Lilies, Longiflorum	8.00	to 10.00	.....	to 12.50	8.00	to 12.50
Lilies, Speciosum	6.00	to 8.00	.....	to 10.00	.....	to 10.00
Callas	12.00	to 16.00	.....	to 12.00	15.00	to 18.00
Lily of the Valley	6.00	to 10.00	.....	to 8.00	8.00	to 10.00
Snopdragon	6.00	to 10.00	3.00	to 6.00	10.00	to 20.00
Bouvardia	2.00	to 3.00	.....	to 10.00	.....	to 10.00
Violets	.50	to 1.00	.50	to .60	.75	to 1.00
Freesia	1.00	to 3.00	.....	to 4.00	4.00	to 5.00
Narcis, Paper White	1.00	to 2.00	.....	to 4.00	2.00	to 3.00
Roman Hyacinths	1.00	to 3.00	3.00	to 4.00	.....	to 5.00
Stevia	1.00	to 1.10	.....	to 2.00	.....	to 1.50
Calendula	2.00	to 3.00	.....	to 4.00	4.00	to 5.00
Mignonette	1.00	to 2.00	2.00	to 4.00	4.00	to 5.00
Sweet Peas	1.00	to 2.00	75	to 1.50	1.00	to 3.00
Marguerites	2.00	to 4.00	1.00	to 3.00	2.00	to 3.00
Gardenias	15.00	to 35.00	3.00	to 35.00	25.00	to 35.00
Adiantum	1.00	to 1.25	.....	to 1.25	1.00	to 1.50
Smilax	20.00	to 25.00	12.50	to 15.00	.....	to 20.00
Asparagus Plumosus, & Spreng. (Iron Bchs)	15.00	to 50.00	25.00	to 50.00	50.00	to 60.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

There is no marked **BOSTON** change in the market situation here. Things remain about stationary, the only line showing improvement being the roses, of which the smaller grades are by far the best sellers. Carnations are advanced in quality, but not in price. Iris is coming in quite strong this week and the blooms bring from \$3.00 to \$4.00 a dozen. Golden Spur narcissi are now in line and the small trumpets are consequently pushed into the discard except at "job lot" figures.

The Chicago market is **CHICAGO** very quiet. There is little business being done and the great depth of snow makes deliveries difficult. Trade at the retailers' is chiefly confined to telephone orders, few customers venturing in to look, for street car service is still very slow. Out-of-town orders are being filled as usual to-day, and all are hoping that they will reach their destinations promptly and in good condition. Stock coming in is very fine. Growers have no difficulty in getting it to the wholesale market and the customers who can use it have a splendid assortment to choose from. A third storm reached Chicago in time to again cripple the week-end business. Trade was light on Saturday and there was practically nothing doing on Sunday.

A good quality of **CLEVELAND** sweet peas is coming into the market. Demand is rather quiet on account of the severe weather. Stocks are sufficient for all purposes. Carnations are more plentiful. Freight shipments are practically at a standstill, but the necessary stock is making its way in and out of the market by express, which is fairly prompt considering the circumstances.

A slightly improved **NEW YORK** tone, somewhat intermittent, however, is noted in the wholesale district. The high class stores are buying very lightly and are evidently feeling the effects of war economy much more keenly than are the stores catering to the medium class of people. Roses are holding the advantage mentioned last week with prices holding firm, especially on the medium and short-stemmed grades. The variety of miscellaneous flowers coming in is very large and quality is excellent all through, excepting in the case of longiflorum lilies which are seen in very good and very bad quality. Cattleyas continue to lag and are sold at prices far below what they should bring at this time of the year. Low figures prevail on practically everything with the exception of roses and those are not high. All bulbous stock is far in excess of requirements. Narcissi in the paper white and French trumpet classes are a burden. Asparagus plumosus is scarce, and prices for poor goods even is rigid.



FOR VALENTINE'S DAY

Some of the choicest Pussy Willow we have ever handled. Orders of any size, large or small, can be taken care of. Immediate shipment.

Per bunch .25, .50, .75, \$1.00

EVERYTHING IN PLANTS, RIBBONS, GREENS AND SUPPLIES.

S. S. PENNOCK CO.

THE Wholesale Florists of PHILADELPHIA

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON
1216 H St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Jan. 28		CHICAGO Jan. 28		BUFFALO Jan. 21		PITTSBURG Jan. 22	
Roses								
Am. Beauty, Special.....	30.00	to 40.00	25.00	to 35.00	40.00	to 50.00	30.00	to 50.00
" " Fancy and Extra.....	20.00	to 30.00	15.00	to 25.00	25.00	to 35.00	20.00	to 30.00
" " No. 1 and culls.....	8.00	to 15.00	10.00	to 15.00	20.00	to 25.00	12.50	to 15.00
Russell, Euler, Mock.....	8.00	to 15.00	6.00	to 25.00	6.00	to 10.00	8.00	to 25.00
Hadley.....	8.00	to 15.00	5.00	to 12.00	6.00	to 12.00	.....	.....
Arenberg, Hoosier Beauty.....	6.00	to 12.00	5.00	to 12.00	6.00	to 15.00	.....	.....
Ward.....	4.00	to 10.00	3.00	to 8.00	3.00	to 6.00	6.00	to 10.00
Killarney, Radiance, Taft.....	4.00	to 10.00	3.00	to 8.00	6.00	to 10.00	6.00	to 12.00
Ophelia, Sunburst, Hillingdon.....	6.00	to 15.00	4.00	to 10.00	5.00	to 15.00	6.00	to 12.00
Carnations	3.00	to 4.00	2.00	to 3.00	3.00	to 5.00	3.00	to 5.00
Cattleyas	.....	to 75.00	60.00	to 75.00	50.00	to 60.00	.....	.....
Dendrobium formosum	.....	.....	.....	.....	.....	.....	.....	.....
Lilies, Longiflorum	.....	to 12.50	8.00	to 12.00	8.00	to 12.00	10.00	to 12.00
Lilies, Speciosum	.....	.....	5.00	to 10.00	4.00	to 6.00	.....	.....
Callas	8.00	to 10.00	4.00	to 6.00	10.00	to 15.00	.....	.....
Lily of the Valley	.....	to 10.00	4.00	to 6.00	8.00	to 10.00	.....	.....
Snape dragon	4.00	to 8.00	5.00	to 6.00	4.00	to 8.00	6.00	to 8.00
Bouvardia	.....	.....	4.00	to 6.00	.....	.....	.....	.....
Violets	.....	to 1.00	.75	to 1.00	.60	to .75	.75	to 1.00
Freesia	2.00	to 3.00	3.00	to 5.00	3.00	to 5.00	4.00	to 6.00
Narcis, Paper White	2.00	to 4.00	2.00	to 3.00	3.00	to 4.00	3.00	to 4.00
Roman Hyacinths	3.00	to 4.00	2.00	to 3.00	3.00	to 4.00	3.00	to 4.00
Stevia	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	.....	.....
Calendula	3.00	to 4.00	2.00	to 3.00	2.00	to 3.00	3.00	to 5.00
Mignonette	.....	.....	4.00	to 6.00	4.00	to 6.00	.....	.....
Sweet Peas	1.00	to 2.00	1.00	to 1.50	1.00	to 2.50	1.00	to 3.00
Marguerites	.....	to 1.00	.....	.....	1.00	to 2.00	2.00	to 3.00
Gardenias	.....	.....	20.00	to 25.00	15.00	to 20.00	.....	.....
Adiantum	.....	to 1.00	.....	.....	1.00	to 1.25	1.00	to 1.25
Smilax	.....	to 15.00	.....	to 1.00	15.00	to 20.00	12.50	to 15.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	40.00	to 75.00

Roses have picked up a bit, so **PHILADELPHIA** have carnations. Freesias sell well, also trumpet daffodils. Purity freesias seen in some of the stores are especially charming and very well grown. Paper whites continue overdone, four times as many as there is any call for. There is bound to be severe losses all along the line in that item—except on the stock that came in early before the market was swamped. If they could only be held in cold storage (like lily of the valley) when the bulbs are harvested, what a difference it would make on returns! Can't it be done? Let us hear from

some of the experts. Adiantum and Asparagus plumosus are on the scarce side.

Funeral work in **PITTSBURGH** abundance continues to substitute the society work of former seasons. Owing to the exceeding prolonged cold weather and the limited railroad service, the florists hereabouts have been practically dependent on home grown products which naturally "clean-up" each day. With the exception of filling funeral orders all are living right up to Administrator Gar-

(Continued on page 115)

H. BAYERSDORFER & CO. Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display

New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 28th St., NEW YORK
Telephones: 1106, 1101, Madison Square.

WM. P. FORD

Wholesale Florist
107 W. 28th Street, NEW YORK

Telephone 5445, Farragut.
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments solicited
Phone Farragut 4336

FRANK MILLANG

Wholesale Commission Dealer in
CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building
Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT
WHOLESALE FLORIST

109 WEST 28th ST
CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best
WHOLESALE COMMISSION HOUSE
A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 2870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 FARRAGUT 131 West 28th St., NEW YORK CITY
1089

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI — Wholesale Florist — NEW YORK

Telephone Nos. 3864 and 8364 Madison Square

57 WEST 26th STREET

HENRY M. ROBINSON CO. OF NEW YORK
WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 13—8510 Madison Square

MAURICE L. GLASS, Treasurer

Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Jan. 26 1918		First Part of Week beginning Jan. 28 1918	
American Beauty, Special	25.00	to 35.00	30.00	to 35.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls.	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	3.00	to 12.00	3.00	to 12.00
Hadley	3.00	to 25.00	3.00	to 25.00
Arenberg, Hoosier Beauty	3.00	to 8.00	3.00	to 8.00
Ward	3.00	to 8.00	3.00	to 8.00
Killarney, Radiance, Taft	3.00	to 8.00	3.00	to 8.00
Ophelia, Sunburst, Hillingdon,	3.00	to 12.00	3.00	to 12.00
Key	3.00	to 10.00	3.00	to 12.00
Carnations	1.00	to 4.00	2.00	to 4.00

GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS

129 West 28th Street

Tel. 6237 FARRAGUT
3563

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 428-421-423 Mad. Sq.

Frank H. Traendly Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 684,

NEW YORK.

Flower Market Reports

(Continued from page 113)

field's idea of "Fireless Monday." There is a marked scarcity of all kinds of roses, as well as lilies. On the other hand is a plentiful supply of carnations, paper white and trumpet narcissus and Roman hyacinths. Considering market conditions prices are not exorbitant.

Business has
ROCHESTER, N. Y. picked up slightly. Most of the stores opened for a half day on Monday to make up funeral work and to guard their plants against injury from cold. Flowers are none too plentiful. Roses are exceptionally good. Carnations are slowing up again and the demand is fairly large. Violets, tulips, narcissi, etc., sell well.

Roses and carnations
ST. LOUIS are selling clean, school graduating exercises causing something doing in retail circles. Violets and sweet peas are in demand and selling satisfactorily.

Obituary

A. Yauchzi.

A. Yauchzi, of 65 Jewell street, Rochester, N. Y., father of Mrs. Harry Merritt, of Irondequoit, N. Y., died on Jan. 21st, at the age of 88 years, after a year's illness.

Eugene R. Blechschmidt

Eugene R. Blechschmidt, two-and-one-half year old son of John Blechschmidt, florist of Cleveland, died Friday, January 25, of a complication of diphtheria and croup. Mr. Blechschmidt operates a greenhouse at 4300 East 122nd street, in the Newburgh district.

Alfred E. McCormick.

Alfred E. McCormick, aged 40 years, died on Saturday, January 26, at his home, Ozone Park, New York. He had been ill four weeks with heart trouble. Born in South Brooklyn Mr. McCormick lived there until fifteen years ago, when he moved to Ozone Park. He was a florist and was also in the moving and trucking business. He is survived by his mother, a sister, and a brother. Interment was in Greenwood Cemetery.

W. H. Beaumont.

W. H. Beaumont, one of Cleveland's pioneer florists, died Monday, January 21. Mr. Beaumont had been in the florist business in Cleveland and Chicago for over thirty years and was well known throughout the trade. From fifteen to twenty years ago he was in business on Euclid avenue, in the downtown section of Cleveland, and was known as one of the leading and exclusive florists of the city. About ten years ago his health failed him and he gave up his business interests in Cleveland and moved to Chicago. He started in business in Chicago again after a brief rest. In 1915 his health failed again and he returned to Cleveland where he under-

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A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Jan. 26 1918		First Part of Week beginning Jan. 28 1918	
Cattleyas.....	15.00	to 25.00	15.00	to 25.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	4.00	to 8.00	4.00	to 8.00
Lilies, Speciosum.....	3.00	to 6.00	3.00	to 6.00
Callas.....	15.00	to 20.00	15.00	to 20.00
Lily of the Valley.....	2.00	to 8.00	2.00	to 8.00
Snapdragon.....	2.00	to 15.00	2.00	to 15.00
Bouvardia.....	2.00	to 3.00	2.00	to 3.00
Violets.....	.30	to .75	.30	to .75
Freeseias.....	1.00	to 3.00	1.00	to 3.00
Narcis, Paper White.....	1.00	to 2.00	1.00	to 2.00
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Tulips.....	2.00	to 4.00	2.00	to 4.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	3.00	to 4.00	3.00	to 4.00
Sweet Peas.....	2.00	to 3.00	2.00	to 3.00
Marguerites.....	1.00	to 3.00	1.00	to 3.00
Gardenias.....	15.00	to 30.00	15.00	to 30.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Spreng (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Consign your flowers to me. I can sell them to your satisfaction.

CLARENCE SLINN, 112 W. 28 St.
NEW YORK

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS

and **WAX FLOWERS**

Send for price list if you have not received one.

went a successful operation. At the time of his death he was actively engaged in the florist business under the name of the Beaumont Co., at 1987 East 105th street.

NEW CORPORATIONS.

San Antonio, Tex.—Schroeder Floral Co., capital stock \$25,000. Incorporators, H. Schroeder, T. W. Reed, J. C. Mitchell, W. J. Bassett, M. W. Sherwood and O. F. Guber.

PATENTS GRANTED

1,251,050 Quack Grass Digger. Frank Klose, St. James, Minn.
1,251,125 Flower Pot. Sidney L. Smith, Pittsburgh, Pa.
1,251,234 Flower Box. Joseph Israel, New York, N. Y.

Ilion, N. Y.—George Supplee has purchased the greenhouse of E. J. Starks.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

B. S. SLINN, Jr.

55 and 57 W. 26th Street, NEW YORK

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Est. 1765

Inc. 1904

Pot Makers for a
Century and a Half**HEWS****STRONG
RED
POROUS****POTS**World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****NEW YORK.**

S. H. Russett has secured judgment against the Lenox Flower Shop for \$153.48.

Jas. McHutchison, Mrs. McHutchison and son and Miss Emily Edgar of Waverley, Mass., leave on Friday, February 1, for a trip to the Pacific coast via the southern route.

We have seen a plant of the new variegated *Alyssum Baudischii* and it is decidedly pretty. It should be very desirable for bedding in contrast with green, yellow or red-foliated plants.

The next meeting of the New York Florists' Club will be held on Monday, February 11th as usual. This will be "Rose Night." Send along your exhibits, addressed to H. C. Riedel, 49 W. 28th street.

John Leach, of Astoria, whose father, Bailey Leach, was one of the pioneer flower growers for the New York market has been appointed by Mayor Hylan to the high position of 1st deputy police commissioner. John Leach's brother, Wesley Bailey, is forester for Queensboro Park.

N. G. Pappas and James Levine will open up as wholesale florists under the title of N. G. Pappas & Co., at 112 West 28th street, sharing the store with Clarence Slimm. Several other changes are imminent, among these being the removal of A. H. Langjahr to the Coogan Building on 26th street and the discontinuance of Guttman & Raynor as wholesale florists.

At a meeting of the Associated Retail Florists, Inc., held on January 21st, the following resolution was adopted, to wit:

RESOLVED, That in compliance with the recent order issued by Dr. Henry A. Garfield, Chief Administrator, the business of the members of this association will be conducted only during the daylight hours and that no light will be burned during the evening hours on the Mondays specified in said order, and the members of the trade generally are urged to comply with the spirit as well as the letter of Dr. Garfield's order.

All members of this association close their places of business as soon as it becomes too dark without the aid of electric lights.

CLEVELAND.

James Eadie, well known florist of Shaw avenue, has gone to Manatee, Florida, for the winter. Manatee is

on the gulf coast. He will remain till May or June.

George Bate, of the Cleveland Cut Flower Co., has finished his duties as member of the legal advisory board of draft district No. 15, and can be found at his desk again.

Florists who ship regularly find the express service fairly reliable but the freight service, on account of the almost universal embargo, is practically at a standstill for the time being.

The Rocky River Greenhouse Co., west of Cleveland, one of the large vegetable growers of the county, lost its entire stock through freezing during the recent cold spell. The catastrophe was not due to a lack of coal but to a failure of the water supply, from a neighboring municipal plant, which made it impossible to operate the boilers. The management started at once to replant its entire space and is already making progress toward a new crop.

In order to aid the railroad situation as much as possible the bowling match between the Cleveland and Detroit florists has been postponed until further notice. The first contest was held in Cleveland at the time of the Flower Show, the Cleveland bowlers drawing first blood and gaining possession of the silver cup donated by the Cleveland Cut Flower Co. The next contest was scheduled to be bowled in Detroit, where the Detroiters hope to keep the cup for a season.

ROCHESTER, N. Y.

Miss Lillian Wheeler formerly of E. C. Kaelber, Inc., has taken a permanent position with H. E. Wilson.

Salter Bros. display a beautiful window of boxes and birchbark baskets filled with spring flowers and pussy-willows.

Alexander B. Lamberton has asked to be released from serving as commissioner of Parks. After a short vacation Mr. Lamberton will go abroad to help cheer our soldier boys. His resignation takes effect Feb. 1st. While the late Dr. Edward M. Moore, was looked upon as the Father of Rochester Park system, Mr. Lamberton has come to be considered more than any other citizen as the developer of the parks with which he has been connected 24 years. He was also responsible for bringing about the establishment of large public entertainments and sports.

PITTSBURGH.

Frank Smoller, of the N. G. P., stationed at Camp Hancock, is home on a two weeks' furlough.

Murray McGrew is again at business with the Weaklen Company following a severe attack of la grippe.

Mr. and Mrs. DeForest W. Ludwig have gone to Augusta, Ga., for an extended sojourn nearby their brother, Edward Earl Ludwig, at Camp Hancock.

Oliver H. Langhans of the Pittsburgh Cut Flower Company, has enlisted in the engineering forestry branch of the Aviation Service at Portland, Oregon.

Miss Catherine Friel, formerly manager of the Arcadia Flower Shop, is now with Randolph & McClements. She succeeds Mrs. William Pierce, formerly Miss Bertha Hughes, recently married.

Norbert Hutteringer, one of the most popular young salesmen and designer in town is about to leave for Newport News, Va., having enlisted in the U. S. Naval Service. Recently he has been with the Alpha Flower Shop in East Liberty.

The A. W. Smith Company has received a cable message from Howard E. Andrews of the Landscape Department, announcing his arrival "somewhere in France," where he is in the Signal Corps service. Ralph F. Pinner, another landscape man in the Ambulance service at Camp Hancock, has been appointed a sergeant. Stiles E. Clark of Philadelphia, also formerly with the same department, has gone to Camp Ayer in Massachusetts.

PHILADELPHIA.

S. S. Pennock received a cablegram from France on the 28th ult. announcing the safe arrival of his son, Charles, in France on the 26th.

This is from the Arabic and anything that has stood the test of time for thousands of years must be the Real McKaye:

"He that knows and knows that he knows is a wise man. Follow him."

We are forcibly reminded of this truth in reading the Dreer offering of up-to-date cannas. If anyone knows cannas it is Eugene Michel, the Dreer expert. Nothing is ever offered that has not previously gone through crucial tests of years' standing. I have told the story many times but it can never be too often repeated.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE

For Catalogues and Discounts address

AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY

Our Selling Agents in N. Y., N. J. and Eastern States Territory

CHICAGO.

The unusual conditions have forced the Cicero Floral House to close its store at 14 N. Cicero avenue.

The Austin Flower Shop conducted by Mrs. Minnie B. Hug, will shortly move from 150 N. Cicero avenue to 30 N. Cicero.

The result of the agitation of the coal question reported one week ago and the efforts of the committee, composed of Peter Reinberg, August Poehlmann and C. L. Washburn, seem likely to be of direct benefit to the growers, many of whom were nearing the danger point in their coal supply. E. A. Ollinger, 440 S. Dearborn street, was named by the committee as the one to whom applications for coal should be made. These applicants will then be able to secure coal if they have complied with the following requirements of the fuel administration, first, that they have deposited \$200.00 in some bank and have a letter from the banker saying the same was set aside for buying coal, and second they must show that they are using coal as savingly as possible. If this works out as expected, it will afford relief to many whose all is invested in greenhouses.

The Civil Service Board, West Chicago Park Commissioners, will hold an examination (No. 303) for Gardener, Class G, Rank II, Division Z, original entrance, pay 30c. to 45c. per hour, on February 25th, 1918, at 9.00 a. m., at the general offices in Union Park. Open to men between the ages of 21 and 50 years, regardless of residence. Applications must be filed in the office of the Board in Union Park before 12 o'clock noon of February 23, 1918. Subjects: Special Subject, weight of 6; Experience, weight of 3; Physical, weight of 1. Special Subject: To include a written and oral test on the identification, general care, planting and characteristics of trees, shrubs and perennials, and on making and maintaining lawns. The duties of Gardener include the planting, pruning and general care of trees, shrubs, perennials, lawns and outside gardens and occasional supervision of laborers in related work.

FRED. G. HEUCHLING,
 Superintendent of Employment.

SITUATIONS WANTED

SITUATION WANTED—By Japanese horticulturist. Graduate of Horticultural College. Practical experience in Japan and United States. Able to do all kinds of gardening and greenhouse work. Married. State wages, etc. "J. H." care Horticulture Publishing Co.

DREER'S "Riverton Special" Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$2.75	\$30.00	\$230.00
20	18 in.	2.25	24.00	190.00
30	16 in.	1.75	19.00	152.00
40	14 in.	1.50	17.00	135.00
50	12 in.	1.00	11.00	88.00
60	10 in.	.70	7.75	62.00
70	8 in.	.55	6.50	50.00

The Riverton Tub is sold exclusively by us, and is the best ever introduced. The neatest, lightest and cheapest. Painted green and bound with electric-welded hoops. The four largest sizes are equipped with drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs, and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

BOSTON.

Miss Alice Butler Cary of Lexington, who died recently, bequeathed the sum of \$500 to her gardener, Robert Johnson.

An illustrated lecture on "The Iris" was given at Horticultural Hall last Saturday afternoon by Arthur Herrington of Madison, N. J., before the Massachusetts Horticultural Society. He spoke of the adaptability of the iris, which in the past charmed even Socrates, saying that it will grow on any soil. It flourishes in every State in the Union, and therefore many horticulturists and others are advocating it as a candidate for the honor of being chosen as the National flower.

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Advertisements in this Department, Ten Cents a Line, Net

ALYSSUM VAR. BAUDISCH.

A very pretty plant with beautiful variegated foliage. Very valuable as pot and bedding plant. Out of 2 in., \$5.00 per 100. \$35.00 per 1000; rooted cuttings, \$2.00 per 100. \$18.00 per 1000. Cash with order. EMIL H. BAUDISCH, 753 Hamilton Ave., North Bergen, N. J.

BULBS

C. KEUR & SONS, HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale. JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelia-Cattleyas our specialty. One trial order solicited.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

ROSES, CANNAS AND SHRUBS. THE CONARD & JONES COMPANY. WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGRE & HURRELL, Summit, N. J.

STRAWBERRIES

Strawberry Plants. Money making varieties. Catalogue Free. BASIL PERRY, Georgetown, Delaware.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen. Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS. 264 Randolph St., Detroit, Mich.

LEMON OIL CO'S STANDARD SOLUBLE INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops and insects.

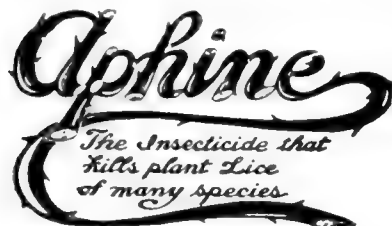
Non poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 20 to 50 parts.

$\frac{1}{2}$ Pint, 50c.; Pint, 50c.; Quart, 90c.;
 $\frac{1}{2}$ Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00.
Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md



The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.00.

SOLD BY DEALERS.

Aphine Manufacturing Co.
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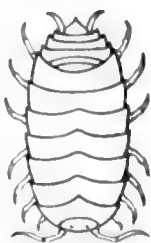


Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,
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NITRATE AGENCIES CO.
106 Pearl St., New York

SOW BUGS versus SLUG SHOT



After reading the article headed "An Army of Sow Bugs," in the Review for May 10, it occurred to me that the growers whose stocks have been attacked by Sow Bugs might be interested in the remedy I used successfully in exterminating these pests some time ago. I had a good crop of Sow Bugs in my Carnation house and asked Mr. Benjamin Hammond, of Beacon, N. Y., for a good exterminator. Mr. Hammond recommended one of his preparations—SLUG SHOT—and told me to dust it between the plants, under the benches and along the walks. I did so and the results were gratifying. The bugs were cleaned out in short order, and I certainly recommend SLUG SHOT to every Florist who finds these bugs in his houses. ALEXANDER A. LAUB, Florist.
New Hamburg, N. Y., May, 1917.



HAMMOND'S SLUG SHOT was first tested against SOW BUGS at Nyack, N. Y., in 1885, and it holds good

HAMMOND'S PAINT AND SLUG SHOT WORKS

Beacon, N. Y., U. S. A.

SOLD BY SEED DEALERS OF AMERICA

ST. LOUIS.

Shaw's Garden this week has a splendid display of primroses and cyclamen.

The banquet given by the St. Louis Florist Club on January 21, to S. A. F. and N. F. S. Committees was a success, 75 members being present. The visitors were Chas. H. Totty, John Young, J. J. Hess, E. X. Stuppy, Jos. Manda, R. C. Kerr, Charles Schenck, Fred Lautenschlager, Benj. Hammond, W. F. Gude, Herman Knoble and George Asmus.

GREENHOUSES BUILDING OR CONTEMPLATED.

Galveston, Tex.—J. P. Peterson, Avenue P, one house.

NEWS NOTES.

Paterson, N. J.—Ed. Sceery has been unanimously elected president of the Park Commission for the eighth consecutive time. Mr. Sceery serves the city in this important capacity with the same zeal and intelligence which applied to his business as florist has placed him in the first rank. He is a member of the Society of American Florists, the New York Florists Club and the Florists Telegraph Delivery Association.

Dallas, Tex.—On Tuesday night, January 15th, the Lang Floral & Nursery Co., entertained their employees with a dinner at the Southland hotel. There were twenty-eight seated at the tables and several speeches were made. Mr. Lang presented one dollar's worth of thrift stamps to each employee. In presenting these Mr. Lang pointed out that it was the duty of every one to help the Government as much as possible and the Thrift Stamp plan placed the opportunity in reach of every one. It was suggested that a War Saving Society be organized, whereupon such was done and an enrollment of 28 members was made. L. M. Schwager was elected president and J. C. Walvord, secretary. The Lang Floral Savings Society will meet once each month.

USE WIZARD BRAND

CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
Pulverized

Sheep Manure

The Florists' standard of uniform high quality for over ten years. Specify: WIZARD BRAND in your Supply House order, or write us direct for prices and freight rates.
THE PULVERIZED MANURE CO.
24 Union Hook Yard, Chicago

Save One Man!

Would it help you in the spring rush to save one man in putting on the dormant spray? Use

"SCALECIDE"—one lead of hose will spray as many as two with lime-sulphur. And you do better work. Destroy San Jose scale, also control leaf curl, apple canker, collar rot, bud moth, case bearer, leaf roller, pear psylla, etc.

"SCALECIDE" is pleasant to handle—will not injure hands or eyes nor remove hair from horses. Spraying pump runs in oil—lasts much longer. Sold on Money Back Basis. Send at once for booklet No. 14.

B. G. FRATT CO., Mfg Chemists
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NIKOTEEN

For Spraying

APHIS PUNK

For Fumigating

Ask Your Dealer For It

NICOTINE MFG. CO.
ST. LOUIS

King Greenhouses

KEEP SUMMER WITH YOU THE WHOLE YEAR ROUND

On account of their sturdy special construction which permits of great strength without the need of heavy shadow casting supports, these houses are so warm and sunny that they are filled with a riot of bloom and fruit when Jack Frost has stripped the garden of its beauty.

The ventilating and heating systems are the result of years of experience in building for professional growers. Things just have to grow in a King.

Ask us for any of the following: Catalogue showing Commercial Type Greenhouses, Catalogue showing Greenhouses for private estates, Catalogue showing Garden Frames and Sash for private estates.

KING CONSTRUCTION COMPANY, 28 King's Road, North Tonawanda, N. Y.

All the Sunlight. All Day Houses.

BRANCH OFFICES: New York, 1476 Broadway Boston, 113 State Street Scranton, 307 Irving Avenue
Philadelphia, Harrison Building, 15th and Market Streets



CYPRESS GREENHOUSE STOCK

PECKY CYPRESS STOCK

HOT BED SASH

Ask for Circular D and Prices

THE A. T. STEARNS LUMBER COMPANY

NEPONSET, BOSTON

GLASS

AND
HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

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216-217 Havemeyer St., Brooklyn, N. Y.

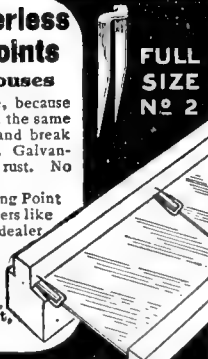
Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

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714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2



SECTIONAL GREENHOUSES

For Commercial and Private Growers



Anyone who can handle a hammer can assemble this greenhouse. We furnish all the necessary hardware. When once erected it can remain as a permanent greenhouse, or it can be taken apart and re-erected elsewhere if necessary.

The house illustrated stands 8½ ft. wide by 12 ft. long. It is made of Gulf Cypress and can be attached to the residence or garage, or put up as a separate detached house. Has 2 glass ends and doors. Equipped with 2 plant benches, ventilating arrangement both sides. Has plenty of headroom and wide walk. This same house can easily be made larger at any time by adding our ready made, exact fitting units.

We build greenhouses of all styles and sizes and go anywhere in the United States to submit plans and prices.

Metropolitan Material Co.
PATENTED GREENHOUSES

1297-1325 Flushing Ave., Brooklyn, N. Y.

MASTICA

For Greenhouse
Glazing

USE IT NOW

F.O. PIERCE CO.

12 W. BROADWAY
NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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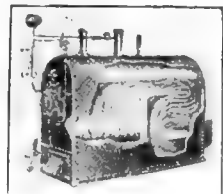
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Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

CARMINE BEAUTY. Deep bright autumn flowers freely produced high above the heavy dark green foliage which has a narrow red margin. The flowers while not as large as those of some are of a much brighter and more pleasing tone. 3 ft. 75 cts. each; \$1.50 per doz.

DIFFERENCES. No more appropriate name could be given to this variety. Its beautiful bright fire-red or deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre with each petal flaked with crimson and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 40 cts. each; \$2.50 per doz.

CLOTH OF GOLD. A very attractive dwarf compact growing free flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

DAZZLER. Time and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire red flowers. The intensity of coloring and freedom of blooming coupled with compact habit make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$2.50 per doz.

GOLDEN EAGLE. A wonderfully intense golden-yellow. Very free upright grower. The large flowers are produced in great clusters well above the foliage. 4½ ft. 50 cts. each; \$5.00 per doz.

HARMONY. Great clusters of good sized, well formed geranium red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Altogether a dignified harmonious combination. 3½ ft. 50 cts. each; \$5.00 per doz.

POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon scarlet, blending to a rosy carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

SENSATION. To get a sensational color-tone in a pink Canna, is particularly noteworthy. Our first impulse was to call it "La France," because the color called to mind the La France Rose, but the tone is even cleaner and purer; it being a lovely pale rose. The foliage is a beautiful glaucous green; the plant dwarf and compact. One of the most noteworthy additions to Cannas in recent years. 3 ft. 75 cts. each.

One each of the above Ten Novelties for \$4.00

New Cannas From Other Sources

We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

CLEOPATRA. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous-bronze foliage. This variety stands out strongly in effectiveness. 4 ft. 50 cts. each; \$5.00 per doz.

DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAG OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAUITY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

LAFAYETTE. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 ft. 30 cts. each; \$3.00 per doz.

One each of the Eight Varieties for \$2.00

HENRY A. DREER,

714 and 716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only



TYPE OF NEWER CANNAS

SUPERB. This variety is unique in color and truly superb; having large, clean bright orange-scarlet blossoms of good substance, produced on strong stalks with glaucous-bronzy foliage giving a most pleasing effect. 5 ft. 40 cts. each; \$4.00 per doz.

POCAHONTAS (Bronzed-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze; one of the best recent introductions. 4 ft. 30 cts. each; \$3.00 per doz.

SAN DIEGO. Chinese-orange or Persian-yellow. The crimped petals are remarkable for substance which enables them to withstand the hot summer sun without wilting. Another charm lies in the dark bronze color of the buds which harmonize with the rich bronze foliage. 4 ft. 15 cts. each; \$1.50 per doz.

VARONA. We have tried this variety for several years and at all times the bright orange-scarlet flowers, combined with the good bronze foliage, has won our admiration. A free luxuriant grower, producing its flowers well above the plant. 4½ ft. 25 cts. each; \$2.50 per doz.

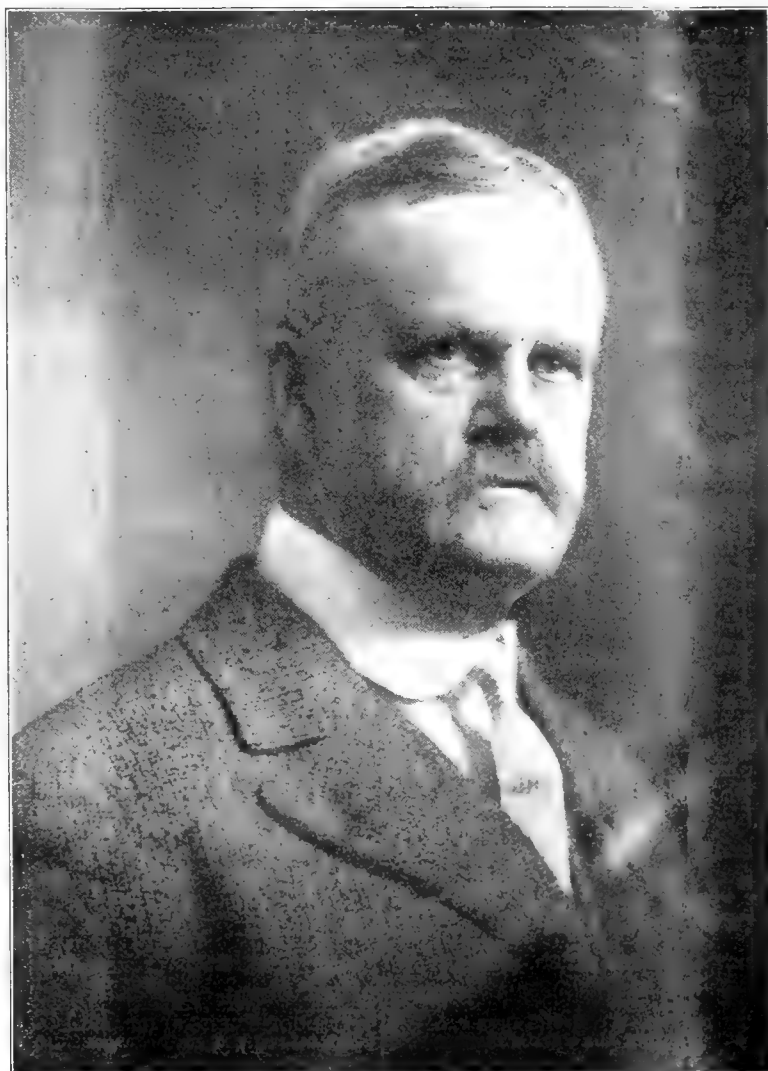
Vol. XXVII

No. 6

FEB. 9

1918

HORTICULTURE



Charles S. Strout

President elect American Carnation Society

Published Every Saturday at 147 Summer Street, Boston, Mass.
Subscription \$1.00

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CHEERFULNESS. No more appropriate name could be given to this brilliant novelty. Its beautiful bright fire-red or deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre with each petal flaked with crimson and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 35 cts. each; \$3.50 per doz.

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The Publicity Campaign

Permit a word regarding this very important matter. I have been engaged in this work for many years—writing hundreds of articles for papers having a circulation of over a million.

I have found out this. While agricultural and other papers are willing to boost live stock and grains and also forage plants, they are reluctant to give notice of things of merit in horticultural and floricultural lines. In many cases it is almost impossible to get a hearing. Editors of such papers stand in their own light. You can get no response from advertisements of which the public know nothing. I wasted a good many hundred dollars along this line. I asked an editor of a leading agricultural paper to publish an article. He read it and said it contained "a blind ad." and he could not publish it. Said he, "That article will bring you in over \$100." Said I, "It won't bring in a cent." I wrote out an ad. "Now," said I, "I will pay for the ad. and you publish the article. I will send you every cent both articles bring in." They never brought a smell or even a nibble. Why? The public never had been duly informed of the merits of the articles mentioned. It takes "line upon line" to wake people up. How is it with live stock? The people of India had the sacred bull. We have several sacred cows, with a record of over 1,000 pounds of butter each in a year. How their praises are sounded! How is it with poultry? The Egyptians had their sacred cat. We have the sacred hen and the editors will beat the roosters crowing over every egg she lays. Here in California after much care in breeding and feeding a hen has been discovered which has laid 325 eggs in one year. In order to do this she often laid two eggs a day. She belongs to L. R. Wellington of Los Angeles Co., California. She was obtained through careful selection of a prolific strain. Every egg is worth its weight in silver if not in gold. The hen shows no

disposition to set, but gives her entire attention to making eggs.

Turn to floriculture. Take the marvelous *Le Cygne*, *Theresa*, or *Martha Bullock*. People will ask, "What are they—a new breed of cattle, or hogs or hens?" People have spent so much energy in feeding their stomachs and pocketbooks they have left their souls to starve. It is about time for people to know they have souls which need feeding as well as the body.

C. S. Harrison.

Los Angeles, Cal.

Worthy of Emulation

The fourth War Christmas has come and gone, and notwithstanding the universal food scarcity, the florists of Edinburgh—growers and sellers alike—were pleased to find the demand for flowers and plants fairly up to former measure, and in some cases even beyond, indicating that money was fairly plentiful.

The above quotation is from a British trade paper—the *Horticultural Trade Journal*—and is interesting as showing that notwithstanding four years of war the love of flowers is still strong among our cousins across the water. We have been less than a year in it and are much more hysterical already. But it is a good guess that this spasm will soon pass away and that in America we shall be doing "Business as Usual" just as they are in Edinburgh and elsewhere among the Defenders of Democracy against the Threatening Teutons. Keep a stiff upper lip and breast the storm.

*Philadelphia,
Pa.*

G. C. Watson

ARBORETUM ACTIVITIES.

From Professor Charles S. Sargent's report to the President of Harvard University on the progress and condition of the Arnold Arboretum during the year ending June 30, 1917, we make the following interesting extracts:—

"In August death deprived the Arboretum of the services of Jackson Dawson who from its first days had been its superintendent. Dawson had a remarkable knowledge of plants and unequalled skill in their propagation. A large part of the plants now growing in the Arboretum were raised by him from seeds, and in the early days of the Arboretum he raised here thousands of plants for the Harvard Botanic Garden at Cambridge. All the Chinese and Japanese plants introduced by the Arboretum were raised by him, and the fact that in the last sixteen years of his life he raised seedlings of 3367 numbers of American hawthorns shows his industry. Dawson produced here several important hybrid roses, and with more time at his disposal he might have become one of the world's great plant breeders. Dawson brought to the Arboretum industry, intelligence, imagination

and entire devotion, and much of its success is due to his labors."

"Not much is known here of the flora of Korea, and only a few Korean plants are growing in the Arboretum, but these have proved so successful that it has seemed desirable to undertake a systematic exploration of that country for the purpose of determining the distribution northward of Chinese trees and of introducing plants into this country from a region with climatic conditions as severe as those of New England. To carry out this plan Mr. Wilson left the Arboretum in January for his fifth journey in eastern Asia. On reaching Japan he first visited the Liukiu and Bonin Islands, to study the little known floras of these groups and to secure specimens and photographs of the peculiar trees which do not grow elsewhere. Returning from the Bonin Islands he went to Seoul and from there into the virgin forests of northern Korea, crossing the Chang-pai-shan, thus reaching the upper waters of the Yalu River, and penetrating into a region most of which had not before been visited by a foreigner."

"The third and final part of the third and last volume of *Plantae Wilsonianae* appeared in January. In these volumes are described the plants

collected by Wilson in China for the Arboretum, with the elaboration of several important genera of trees and shrubs.

"During the year the Arboretum has published 'The Conifers and Taxads of Japan,' by E. H. Wilson. This work is based on Wilson's study of these trees as they grow in their native forests, and is illustrated by 59 plates made from photographs taken by him.

"The fifth and last volume of the 'Bradley Bibliography' is nearly printed and will appear in the course of a few months."

"During the year the endowment of the Arboretum has been substantially increased by the generosity of a number of its friends. The work of raising this money was undertaken voluntarily by Mr. Henry S. Hunnewell, assisted by Mr. William C. Endicott, and to them the Arboretum is particularly indebted. It is indebted, too, to the Trustees of the Massachusetts Society for Promoting Agriculture, and to many other friends who have aided me in increasing the income of the Arboretum, for without their help it would be impossible to maintain this establishment and carry on the scientific activities which have made it an important station for increasing the knowledge of plants."

HORTICULTURE

VOL. XXVII

FEBRUARY 9, 1918

NO. 6

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The car-
 nation set aside

The McKinley National Memorial Association organized to perpetuate the memory of William McKinley and advocating the wearing of a carnation in the buttonhole on each anniversary of his birthday, seems to have rather "fallen from grace," for it has this year made public a request that a small American flag be substituted for the carnation. Why not wear both?

Wake up!

Valentine's Day, the most romantic and dainty of all our floral holidays, now approaches and any florist who does not enter into the spirit of the occasion and avail himself of all the sentimental publicity and pretty little accessories which have been brought to his attention and placed at his disposal in these wide-awake days deserves to go and doubtless will go into the background and stay there. "The days of peace and slumbrous calm have fled"

and the public, nowadays, give very little attention to the tradesman who "hides his light under a bushel."

Doing
 their part

Every mail brings to us fresh evidence of the ready willingness of the commercial florists to comply with the requests of food and fuel administrations to reduce their consumption of coal and to help in the work of food production. We find quite frequently in the columns of the daily papers, accounts of florists who have arranged to devote most of their energies and greenhouse space to growing vegetable plants in place of flowers and bedding plants this spring, thus giving a substantial help to home gardening in their neighborhood. These evidences of patriotic impulse should be highly pleasing to the government and conduce to a considerate attitude towards an industry which has shown so laudable a spirit.

Quite
 possible

The closing up of so many private greenhouses this winter should have a marked beneficial influence on the florists' business.

It has been quite general in recent years to equip these ranges of private conservatories with separate rose houses, carnation houses and chrysanthemum houses where cut flowers were grown for the family use and these have encroached not a little on the commercial florists' field. When these houses are again put in commission, it is probable that many of them will be devoted to vegetable or fruit purposes and it will be some time before they are again turned to use in competition with commercially grown cut flowers, if ever. The gardeners on the private estates have the unlimited and inspiring field of choice and rare plant culture at their command and no doubt the majority of them would welcome a release from the obligation to produce florists' cut flowers, and more encouragement to devote their time and skill to loftier ideals.

A
 cause for
 anxiety

Not a few importing houses are now booked for another sojourn on the anxious seat, in suspense as to the condition in which their shipments from Holland, via the Nieuw Amsterdam, will be found when she at last arrives in this country. There are four thousand cases of plants and three thousand cases of bulbs and roots aboard, no part of which has been on the dock or the boat for less than a month and considerable of it probably two months or more. It was announced a few days ago that long-pending negotiations to assure a safe passage for the boat had been settled and that she might proceed at once. It is almost too much to hope that the goods will be in fit condition when they get here and even then the question of receiving and forwarding to destination here is an equally formidable problem. Transportation irregularities and delays are largely responsible either directly or indirectly for the enormous falling off in volume of trade in most lines of horticultural industry this season. The loss to dealers on frozen lily bulbs from Japan is said to be fully \$25,000. An enhanced price for these bulbs, in consequence, next season, is inevitable, for the transportation companies, according to the views of the best lawyers, are not liable and there is no chance whatever to collect from them for these losses. Some of the shipments are still on Pacific coast docks after waiting six weeks or more in the futile hope to get cars. Many, we are informed, are already abandoned to the government. "Who breasts the blows of circumstance" and comes out alive and sound after this season's frowns of fortune and adverse experiences certainly has good reason to thank his stars.

CLUBS AND SOCIETIES

NATIONAL ASSOCIATION OF GARDENERS.

The spirit of closer co-operation between the Gardeners' National Association and their local societies and clubs, which has been a subject of considerable advocacy in professional gardening circles for several years, took on some definite shape at the annual convention of the National Association of Gardeners held in Chicago in December last, when it was voted to authorize the National Co-operative Committee to arrange for a series of conferences throughout the year in different parts of the country wherever it will be possible to conveniently bring members of the national and local organizations together.

The purpose of these conferences is to provide more frequent opportunities than now exist for an interchange of views and ideas and for a general discussion of subjects pertaining to the profession of gardening among those engaged in it. In order to inaugurate the plan it has been decided to hold the first of the series of conferences at the Murray Hill Hotel, New York City, on Friday afternoon, March 15th, at two o'clock, with Vice-President P. W. Popp to preside as chairman. This meeting will occur during the time of the annual International Spring Flower Show.

A conference will be held in St. Louis during the week of April 8th, with Director L. P. Jansen presiding as chairman. Exact date and place of meeting to be announced later. This meeting will occur during the time of the convention of the Society of American Florists and Ornamental Horticulturists. It is proposed to hold a conference in Boston some time during the month of May with ex-President W. N. Craig presiding as chairman. Plans are afoot for conferences in other sections of the country, and these will be announced from time to time as their arrangements are completed. All gardeners interested in the development of their profession and in the advancement of ornamental horticulture, are invited to attend these conferences.

The Committee on Essays and Horticultural Instruction is distributing an essay each month, for discussion at the meetings of the local organizations. Any society wishing this service and not now receiving it may obtain it by applying to W. N. Craig, Chairman, Committee on Essays and Horticultural Instruction, Brookline, Mass.

The Committee on Meritorious Exhibits repeats its offer of last year, to award the association's silver medal for competition at monthly meetings for the largest number of points for the year, or for competition at a flower show of a local society or club, the only stipulation being that the medal must be won by a member of the association. Societies desiring to avail themselves of this offer should

Meetings Next Week

Monday, Feb. 11.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.
New York Florists' Club, Grand Opera House, New York City.
Rochester Florists' Association, 95 Main St., East Rochester, N. Y.
Cincinnati Florists' Society, Hotel Gibson, Cincinnati, O.

Tuesday, Feb. 12.

Newport Horticultural Society, Newport, R. I.

Wednesday, Feb. 13.

Cincinnati Florists' Society, Jabez Elliott Flower Market, Cincinnati, O.
Dutchess County Horticultural Society, Fallkill Bldg., Poughkeepsie, N. Y.
Lenox Horticultural Society Lenox, Mass.
Morris County Florists' and Gardeners' Society, Madison, N. J.
Nassau County Horticultural Society, Pembroke Hall, Glen Cove, N. Y.

Thursday, Feb. 14.

Menlo Park Horticultural Society, Menlo Park, Calif.
New London Horticultural Society, Municipal Bldg., New London, Conn.

Friday, Feb. 15.

North Shore Horticultural Society, Manchester, Mass.

address William Kleinheinz, Chairman, Committee on Meritorious Exhibits, Ogontz, Pa.

President Robert Weeks will shortly announce his national and local committees for the annual convention to be held in Cleveland during the first week in October, 1918. The most scientific methods for increased production and proper conservation of food products will be the dominating feature of this year's program, for the gardeners realize fully that even an early cessation of the war will not solve the food shortage problem and that this country must be the main source of supply to meet the world's food demand for a long time to come.

L. P. Jensen, Chairman of the Committee on Bird Propagation and Protection, Busch Place, St. Louis, Mo., asks that all interested in our feathery friends send their observations, experiences and suggestions relating to the subject to him and he will see that they are used to the best advantage. Questions relating to the subject of bird protection will be cheerfully answered by the committee.

NEW YORK FLORISTS' CLUB.

The next meeting of the New York Florists' Club, on Monday night, February 11, promises to be a "waker." President Charles Schenck makes urgent request that every member make an effort to attend. This will be "Rose Night" which in itself should ensure a most interesting occasion. But there will also be an entertaining and instructive lecture by W. G. Freeman on Publicity, and there will be a large number of new candidates for membership to be introduced.

AMERICAN CARNATION SOCIETY.

The meeting of the American Carnation Society in Boston, of which a full account was given in our issue of February 2, closed with a banquet in Horticultural Hall on Thursday evening, participated in by about seventy-five people, including seven ex-presidents of the Society. Patrick Welch was chairman of the entertainment committee, which is equivalent to saying that the menu was excellent in quality and generous in quantity. President-elect C. S. Strout presided at the head table and had for his aide the veteran toastmaster, A. P. Calder, who filled his position with polished urbanity and honeyed eloquence. The first and chief speaker of the evening was President R. M. Saltonstall of the Massachusetts Horticultural Society whose address was congenial and intensely patriotic as he rehearsed the history of the renowned Society over which he presides and its kindly attitude from the beginning towards the carnation and its adherents. He strongly upheld the dignity, usefulness and essentiality of flowers and floriculture in the present strenuous times and was vigorously applauded. President Strout's address was in similar vein and most hopeful concerning the future prosperity of the carnation. Eugene Dailedouze gave some interesting reminiscences of the career of the Society during the past twenty years. Other speakers were R. T. Brown and R. Vincent, Jr. The entertainment closed at 10 p. m. in conformity with the laws now in force.

DENVER (COLO.) SOCIETY OF ORNAMENTAL HORTICULTURE.

The Third Annual Horticultural Institute under the auspices of this society was held on February 5th and 6th, at the Y. M. C. A. hall, and February 7th, at 8 p. m. at the Public Library.

There was a splendid program of entertainment and lectures, including talks on "City Gardens" by Dr. E. P. Sandsten; "Insect Pests" by Prof. C. P. Gillette; "Wild Flowers for Home Grounds" by Prof. W. W. Robbins; "Annuals and Perennials" by John Berry; "Garden Seeds" by C. R. Root; "Fruits" by G. A. Klaiber; "Roses" by Mrs. M. Sheeran; "Shade Trees" by Prof. W. J. Morrill; "Garden Cities" by M. Walter Pesman; "Birds in City Gardens" by V. H. Bercherd; "Landscape Design for City Gardens" by S. R. De Boer; "Manufacturing Horticultural Munitions" by Dr. D. H. Fouse.

The officers of the Society are as follows: Adam Kohankie, Sup't Washington Park, Pres.; M. Walter Pesman, with H. M. Chamberlin & Son, Vice-Pres.; S. R. DeBoer, Landscape Architect, Sec'y-Treas., 307 City Hall, Denver. Members Executive Committee, John Berry, Horticulturist, G. A. Klaiber, City Forester, P. L. Clark, Supervisor of Horticulture, Denver Public Schools.

WESTERN NEW YORK HORTICULTURAL SOCIETY.

62nd Annual Meeting.

After a week's postponement and subsequent rearrangement because of fuel complications, the three days' sessions began Jan. 29 and ended late Friday p. m. Feb. 1. It was feared that these circumstances would materially affect membership registration, and while this may have occurred in some slight degree, the fact nevertheless remains that the sessions of second and third days were among the most enthusiastic and successful on record. Besides the papers dealing with practical problems of the fruit grower, followed by most instructive discussions, the question of food production and conservation, &c., figured prominently. In the absence of Hon. John Mitchell, chairman of the New York State Food Commission, Dr. W. H. Jordan, director of the State Expt. Station, spoke of "Mr. Hoover and Price Fixing," which was an almost unqualified endorsement and defense of the plans adopted. G. Harold Powell, who is in charge of some important work with Mr. Herbert Hoover, the Food Administrator, was unable to leave his duties in Washington to fill his place on the program and sent in his stead Mr. H. J. Eustace, who has been closely associated with him.

Mr. Eustace told of the functions of the Food Administration's work. He said that in Western New York, sometimes called the garden spot of the United States, that there are abundant stocks of fruits and vegetables of the various kinds that should be used freely and extensively to cut down as far as health will permit the wheat flour, meats, fats and sugars.

He further explained the attitude of the Food Administration in the matter of producing crops for this coming year and made it clear that the Food Administration does not encourage farmers to try and grow crops that they are not familiar with but the motto is to do better what they are able to do the best on their farms and it would be an unpatriotic act to neglect in any way the fine orchards that it has taken a generation to develop in western New York.

The rules of the Food Administration as regards the handling of fruits and vegetables was also discussed in detail.

A very interesting and instructive address was made by Mr. John B. Morman, from the Federal Farm Loan Bureau at Washington, discussing the subject of farm mortgage loans in general and the relation of the new Federal Farm Loan System to banking and mortgage interests. Mr. H. W. Collingwood spoke on "Food Conservation and the Farmer," an intensely interesting presentation, which held a very large audience for fully an hour.

A resolution was unanimously adopted criticising the personnel of the new Farm and Markets Council. The latter, it was claimed, was conceived as a means of lifting the state department of agriculture out of politics, and the support of the various agricultural organizations has been solicited and given, but in the appointment of the

Council no representative of agricultural interests was selected. The refusal to confirm the appointments, including the secretary to the Council, was asked at the hands of Senators.

Taken as a whole, under the able presidency of Mr. Seth J. T. Bush, the business of the meeting was conducted without loss of time and with a degree of "pep" which became infectious among the nearly one thousand fruit growers in attendance.

A committee was appointed to meet with a like committee from the New York State Fruit Growers' Association to prepare constitution and by-laws of the New York State Horticultural So-

Reference has already been made by the president of the Society in his address and by Mr. Wilson in the report of the Committee on Legislation, to matters affecting the industry in which you gentlemen are engaged, and there will not be required of me any repetition of such.

As has already been referred to by President Bush, this Society has now reached a period in its history which marks the "parting of the ways." The two organizations, New York State Fruit Growers' Association and the Western New York Horticultural Society, daughter and mother, are to merge into one organization, to be known by a name of larger meaning, the New York State Horticultural Society.

For twenty-eight and more years of the sixty-three years of this Society's remarkable history, it has been my privilege and pleasure to occupy the position of its secretary-treasurer. I shall not at this time enter into any review of those years because in the published Annual Proceedings of the Society for the year 1914 may be found a sketch of my quarter of a century service. I little thought that he with whom I worked so pleasantly during those years would be the first to be called away by death. This Society has not yet realized, and I doubt if it ever will, the extent of the debt it owes to the late William Crawford Barry.

When, a year ago, I was suddenly taken from my post of duty at the annual meeting, many of my friends thought that I should soon follow him. To those members who so kindly enquired concerning my welfare and who sent kindly messages I now express my hearty thanks.

I mention here an interesting item. Under the will of the late Mr. Patrick Barry, for many years president of this Society, and who died in 1891, a legacy of one thousand dollars was left to the Society, with the provision that the interest earned by it should be used for the promotion of the objects of the Society. Our late president, Mr. W. C. Barry, was the only surviving trustee under that will, and his heirs notified your secretary that the legacy should be turned over to the Society through the proper legal measures.

On January 21st (this month), an order was made by the Surrogate Court of Monroe County, appointing Mr. B. G. Bennett as trustee of said fund.

The original legacy, less transfer tax thereon, was \$950.00, and on December 1st, 1917, the total amount on deposit in the Rochester Trust & Safe Deposit Co., at four per cent interest, aggregated \$2,495.39. In other words, the interest earned during the years has amounted to \$1,545.39, and this money will pass into the treasury of our Permanent Fund for the work of the Society.

Summary of Secretary-Treasurer's financial statement:

1917—Receipts, including balance from last year.	\$2,393.26
Disbursements	1,811.37

Balance in bank Jan. 1, 1918. \$581.89

No Exemption for Florists

The following communications to Wm. F. Gude, S. A. F. Representative at Washington, are of especial interest and importance to the florist trade:

Mr. William F. Gude:

Dear Sir:—The writer has taken up with Mr. Noyes the question of allowing florists to open Mondays and he has ruled that there can be no exception in their case as to being open on the Mondays prescribed in the Fuel Administration order of January 17.

Yours very truly,

U. S. FUEL ADMINISTRATION,
By C. F. Austin.

January 31, 1918.

Mr. William F. Gude:

Dear Sir:—Dr. Garfield believes that it will not cause serious inconvenience and will contribute to the general patriotic observance of the Monday closing, if the florists are not exempted from the order of January 17th. Businesses more essential to the life of the community than flowers for funerals have been refused exemption in the present emergency.

Yours very truly,

U. S. FUEL ADMINISTRATION.

By P. B. Noyes,

Director of Conservation.

February 2, 1918.

ciety, which will be the title of the merger which has taken place.

John Hall, secretary-treasurer, was re-elected and entered on his 29th year of service in that capacity.

Report of Secretary-Treasurer John Hall.

During the past year your officers have dealt with problems of interest, not only to members of this Society, but to every farmer and fruit-grower in this great Empire State. The last problem which occupied much of their very serious attention during the past two weeks was in the effort to secure permission to hold this sixty-third annual meeting, a problem which arose out of the scarcity of fuel conditions in the city.

"Say it with Flowers"

For Sick Room

For Mother

For Weddings

For Social Events

Whose Birthday is in

FEBRUARY 1918

SUN	MON	TUE	WED	THU	FRI	SAT
						2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

Say it with Flowers

On St. Valentine's Day

THIS illustration—in a much larger form—will carry a full-page advertisement in the Saturday Evening Post of February 9th, urging people to give flower gifts on St. Valentine's Day and the many occasions appropriate for the sending of flowers:

Millions of People Will Read This Flower Message

the first big gun in the powerful national advertising campaign planned on behalf of the Society of American Florists and Ornamental Horticulturists. Two weeks later, a large "Brighten the Home with Flowers" advertisement will appear in the Literary Digest and the March issues of the Metropolitan Magazine, and Good Housekeeping Magazine, to be followed in April by

A Full Page in Colors in the Metropolitan Magazine

Other advertisements will be announced later. All illustrations in the national campaign have been reproduced in pen and ink, and made into cuts, suitable for local newspaper advertising.

We urge every member of the S. A. F. & O. H. to use these cuts, which can be obtained at actual cost—also the beautiful transfer signs for windows and the glass sign of the slogan, "Say It With Flowers."

If you have not already subscribed to the national advertising fund, please do so right away and urge your florist friends to join the society. For further particulars address

JOHN YOUNG, SECRETARY
Society of American Florists
and Ornamental Horticulturists
 60 West 28th St., New York City

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

The Gardeners' and Florists' Club of Boston meeting of the club will be held at Horticultural Hall, on Tuesday evening, Feb. 19, at 7.30 o'clock. The subject of the evening will be Carnations, and C. S. Strout, president-elect of the American Carnation Society, will deliver an address. Other "specialties" will be present and join in the discussion and there will be as usual a splendid array of exhibits, including several novelties as well as the standard varieties. Carnation nights always bring out a large attendance and the coming one will prove especially interesting. A cordial invitation is extended to any who are not club members to attend this meeting. The hour of meeting has been changed to 7.30 from 8, and the meeting must terminate promptly at 10 o'clock, per order of the Fuel Administrator.

W. N. CRAIG, Sec.

CHRYSANTHEMUM SOCIETY OF AMERICA.

A copy of the full report of the examining committee for 1917 has been received and varieties receiving 85 points or more are as follows:

Idolph, Adironda, Edina, Laneta, Liberty Bond, Mimico, Aduana, Midnight Sun, Betsy Ross and Purple King, all of which were exhibited by Elmer D. Smith & Co., Adrian, Mich.

Mrs. C. W. Johnson, No. 31-16, No. 24-16, No. 20-16, No. 21-16, exhibited by Mt. Greenwood Cemetery Association, Morgan Park, Chicago.

Sunshine, exhibited by J. B. Goetz Sons, Saginaw, Mich.

Christmas Gold and No. 6, exhibited by the Friedley Co., Cleveland, Ohio.

Bronze Unaka and Bronze Buckingham, exhibited by E. W. Fingar, Irvington, N. J.

Delaware, exhibited by George Fountain, Wilmington, Del.

Nashawtue and Abenague, exhibited by S. R. Cowey, Walpole, N. H.

IOWA FLORISTS' CONFERENCE.

On Tuesday, January 29, a florists' conference was held at the Iowa State College in connection with the annual short course. Due to the severe weather and other circumstances there was a number of florists who were unable to attend.

George Asmus, Leonard Vaughan, J. S. Wilson and A. N. Smith introduced various subjects which brought out considerable discussion. It was a wartime conference and the present day problems in which every florist is vitally interested occupied the entire attention of those present.

The fuel question in particular received much attention and the information which Mr. Asmus gave out on this subject was greatly appreciated. It was decided that there should be a fuel committee to represent the interests of the florists of Iowa and the following committee has been named: J. S. Wilson, Des Moines, chairman; I. O. Kemble, Marshalltown; Blaine Wilcox, Council Bluffs.

Los Angeles, Cal. Rev. C. S. Harrison, the veteran nurseryman, is spending the winter here at the Hotel Continental.

A POPULAR EASTER PLANT



Cyclamen (Cyclamen hederifolium) in 5 in. pots. Cuttings propagated now will make nice plants for Easter, 1919.

By A. L. Miller

OBITUARY.

Albert M. Davenport.

Albert M. Davenport, father of Alfred M. Davenport the well-known florists' plant grower, died on February 4, at his home in Watertown, Mass., aged 77 years.

William Capstick

William Capstick, an old-time gardener and florist, died on January 20 at his home in Auburndale, Mass. Mr. Capstick has conducted a flower and plant growing business in Auburndale for about twenty years, previous to which he was gardener on the estate of Jonas French, Brockton, Mass. He was born in Westmoreland, England, and came to this country when twenty years old. His age at time of death was sixty years.

Charles E. Faxon.

Charles E. Faxon, assistant director of the Arnold Arboretum and a distinguished botanist and illustrator, died on Wednesday, February 6, at his home in Jamaica Plain, in his 73d year. He was a graduate of the Lawrence Scientific School and an instructor of botany at Harvard from 1879 to 1884. In 1907 he was made an honorary master of arts by Harvard. The funeral was held on Friday at the Forest Hills cemetery chapel.

Nelson Parker.

Nelson Parker, for many years a florist and respected resident of Stoneham, Mass., passed away Wednesday morning January 23, in the 88th year of his age. He had been in failing health for the past four months from the effects of a shock. The deceased was a native of Reading. He is survived by two daughters, and two grandchildren.

Mr. Parker was in business until about ten years ago when he retired. He was a gentleman of affable and delightful personality and held in highest esteem as a florist and as a citizen in the community in which he lived.

NEWS NOTES.

Worcester, Mass.—William Quarry, retail florist, has given up the business.

Newport, R. I.—James McLeish has been elected chairman of the Park Commission.

PERHAPS.

SANCTITY.

The healthiest, most prolific and best selling variety that has ever been put on the market. SANCTITY is a registered variety. Should be in every collection, as it is a real live money getter.

We hold a stock of 3,000 stools, and therefore can now assure customers of immediate delivery. We have already sent out a goodly number to AMERICA, this in itself should be sufficient to remove any ambiguity that may have become the tenant of any particular man regarding its genuineness. Therefore, get your stock at once from the distributor.

We are now prepared to book up orders for rooted plants of this sensational variety, early April delivery, at the low price of 20 per 100, £8 1,000.

Cuttings same price.

It's my BIRTHDAY this week, and to mark the event, I will give an additional 25 per cent. more cuttings or plants on all orders reaching me before the next issue for nett C. W. O.

¼ 100 and ¼ 1,000 same rates.

It may be that Billy Sunday has gone and copied some of the up-to-date methods of the horticultural world, or again it may just have happened that there are two Billys in this mundane sphere. Some are born with sanctity, some achieve sanctity and some have sanctity thrust upon them, but this is the first time on record where sanctity has been offered to us by the thousand C. W. O., and note also that it is going some to have seven birthdays in one year. The unfortunate born on the 29th of February who has only one every four years must be made doubly, trebly or sextuply sorrowful in hearing this wonderful tale from Burton-on-Trent, England. But they brew Bass there, so maybe that's it.

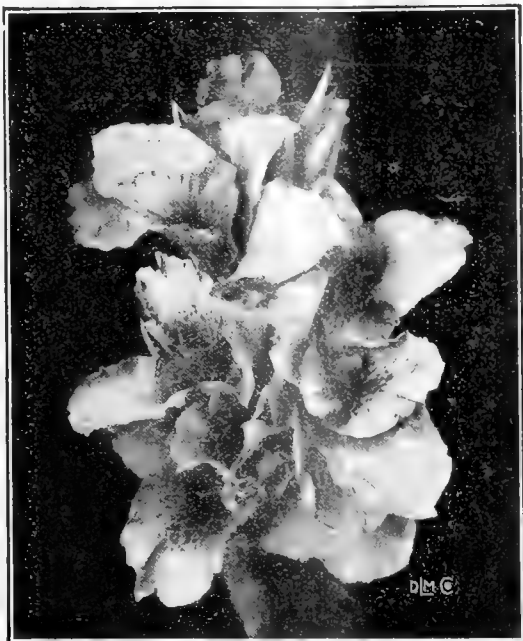
G. C. W.

THE UNRECOGNIZED EMBLEM.

Very far from the war was the discussion which arose before the Committee on Agriculture the other day at the State House. It was about that old question—which has become a sort of "annual blister"—of the state flower. The committee is again considering the proposition to endow some plant or flower with the quality and status of an official Massachusetts emblem. Should it be the water lily? Emphatically no, said one witness, who had presumably been called in as an expert on emblems. The water lily will never do because it is lacking in energy and uprightness. Its habit is to lie down softly and luxuriously on the surface of the water. We want a more sturdy and self-supporting State flower than that. Should it be the

CANNAS

Strong Roots Two and More Eyes
Packed 250 in case



Canna, King Humbert

RED FLOWERS, GREEN LEAVES

	Doz.	100	1000
A Bouvier	\$0.45	\$2.75	\$24.00
Beaute Poitevine .....	.45	2.75	24.00
Black Prince .....	.45	2.75	24.00
Chas. Henderson .....	.45	2.75	24.00
Crimson Bedder .....	.45	2.75	24.00
Express .....	.60	4.00	35.00
Firebird	1.25	7.00	60.00
J. D. Eisele .....	.45	2.75	24.00
Louisiana .....	.45	2.75	24.00
Meteor .....	.50	3.50	30.00
Musafolia .....	.45	2.75	24.00
Pennsylvania .....	.45	2.75	24.00
Pillar of Fire .....	.45	2.75	25.00
Pres. Cleveland .....	.45	2.75	24.00
Pres. Meyer .....	.45	2.75	24.00
Pres. McKinley .....	.50	3.50	30.00
Tarrytown .....	.45	2.75	24.00
Wintzer's Colossal .....	.50	3.00	25.00

PINK-FLOWERING CANNAS

Hungaria	\$0.60	\$4.00	\$35.00
Louise .....	.45	2.75	25.00
Mlle. Berat .....	.50	3.50	30.00
Mrs. A. Conard	1.00	6.00	50.00
Rosea Gigantea	1.00	7.00	60.00
Shenandoah .....	.45	2.75	25.00
Venus .....	.45	2.75	24.00

ORANGE SHADES

Indiana	\$0.45	\$2.75	\$24.00
K. S. Deemer .....	.50	3.50	30.00
Mrs. Kate Gray .....	.45	2.75	24.00
Wyoming .....	.45	2.75	24.00

BRONZE LEAF, RED FLOWER

	Doz.	100	1000
Brandywine	\$0.45	\$2.75	\$24.00
Conowingo .....	.45	2.75	24.00
David Harum .....	.45	2.75	24.00
Dr. Ackernacht .....	.45	2.75	24.00
Dr. Budingen .....	.45	2.75	24.00
Egandale .....	.50	3.50	30.00
King Humbert .....	.70	4.00	35.00
Robusta .....	.45	2.75	25.00
Wintzer's Colossal .....	.50	3.00	25.00

YELLOW-EDGED AND GOLD EDGED

Duke of York	\$0.45	\$2.75	\$24.00
Gen. Merkel .....	.45	2.75	24.00
Gladiolora .....	.45	2.75	24.00
Italia .....	.45	2.75	24.00
Jean Tissot .....	.45	2.75	24.00
Madam Crozy .....	.45	2.75	25.00
Panama .....	.75	5.00	45.00
Queen Charlotte .....	.50	3.50	30.00

WHITE AND CREAM SHADES

Alsace	\$0.45	\$2.75	\$24.00
Minnehaha .....	.75	5.00	45.00
Mont Blanc Improved .....	.75	5.00	45.00

YELLOW AND YELLOW-SPOTTED

Austria	\$0.45	\$2.75	\$24.00
Florence Vaughan .....	.45	2.75	24.00
Gladiator .....	.45	2.75	24.00
Gustav Gumper .....	.45	2.75	24.00
Queen Helen	1.00	8.00	75.00
Richard Wallace .....	.45	2.75	24.00
Yellow King Humbert	1.00	8.00	75.00

5% DISCOUNT FOR CASH WITH THE ORDER.

Arthur T. Boddington Co., Inc., Seedsmen,

**128 Chambers Street
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trailing arbutus—the "mayflower" of the Pilgrims? There is a great deal to be said for the arbutus as a State emblem; but alas! that also has a recumbent habit. It spends its life flat on the ground. If sturdiness and an up-standing habit are required in a State emblem, the arbutus will not do any better than the pond lily.

The fact is that the State flower business never makes any progress toward that general popular agreement, that habitual and historical preference, which is about the only thing that can make an emblem. There is no shamrock-passion among the people. We have no such heart-hunger toward any flower or vegetable as the Scotch seem to have toward the thistle.

It is probable that the State flower, the chosen and loved emblem of the people of Massachusetts, will have to wait in the vestibule of legislation until we find out by other means than inquiries of legislative committees and casual suggestions in the newspapers what it is. When we are ready to die for some plant, as the Irishman will die for the shamrock, we shall need absolutely no legislation to constitute it our emblem.—*Boston Transcript*.

SMITH'S REVISED CHRYSANTHEMUM MANUAL

(Third Edition)

The best work on Chrysanthemum Culture. Both amateur and florists have been provided with articles for their special needs.

One Hundred and Six Pages. Only 50c. Postpaid.

ELMER D. SMITH & CO., Adrian, Mich

PUBLICATIONS RECEIVED

Maryland State College of Agriculture, College Park, Md.—Thirtieth Annual Report of the Agricultural Experiment Station, 1916-1917. A very complete and instructive record of the field and garden progress in the State of Maryland, comprising over four hundred pages of useful information on crops and cultural operations and research.

Official Code of Standardized Plant Names, 1917.—This reprint from Bailey's Standard Cyclopedia of Horticulture is a most important work, showing evidence of much laborious effort and careful study. It is intended for general use in ordering, labeling and catalogue compilation, and is the work of the American Joint Committee on Horticultural Nomenclature of which J. Horace McFarland of Harrisburg, Pa., is chairman and Harlan P. Kelsey of Salem, Mass., secretary. This joint committee represents the American Association of Nurserymen, Ornamental Growers' Association, American Society of Landscape Architects, American Pharmaceutical Association and American Association of Park Superintendents. Its particular function is only to consider plant names for the purpose of facilitating commerce or "making buying easy," and the list includes a careful assembling of the scientific or botanical names deemed most generally applicable to plants in American commerce at the beginning of the year 1917. At the price charged, 25 cents, every florist or plantsman in the country should have one or several copies of this much needed list.

THE National Nurseryman

The oldest and best established journal for nurserymen. Circulation among the trade only. Published monthly. Subscription price, \$1.50 per year. Foreign subscriptions, \$2.00 per year. In advance. Sample copy free upon application from those in the trade enclosing their business card.

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250 at thousand rates.

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**A Gladiolus Everyone Ought to Grow
MRS. F. PENDLETON**

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Also Berberis Thunbergii, Hydrangea Paniculata, Weigela, Spiraea, etc.

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Make Every Seed Count.

Howard M. Eath, never said anything like this. He does in this year's Floral and Vegetable Catalogue List, January 15th, 1918, from which we quote a brief excerpt:

One of the greatest mistakes that is directed at the seed trade is the goods which are sold. This applies to all seedsmen, but especially to the dealer who sells to you. It is not the goods which you buy, but the goods which you sell.

It is not the goods which you sell, but the goods which you conserve. It is not the goods which you conserve, but the goods which you make.

We have seeds for sale at wholesale prices. We have seeds for sale at retail prices. We have seeds for sale at cost.

As Eath says, we are pleased to give your orders prompt and careful attention but we request that you exercise care not to overorder.

This is sound common sense and will meet with the cordial approval of every seedsmen who is a seedsmen in this country and abroad. Make every seed count. And incidentally we call the little quotation above to the attention of those people hysterically inclined who accuse the seed trade of profiteering. Nothing could be farther from the truth. G. C. W.

To Sell Seed Corn at Cost.

Repeated tests on the germination of seed corn at the Ohio State University College of Agriculture show that the corn is germinating but from 1 to 60 per cent. Most of the corn is testing but 10 per cent. As the result of the seriousness of this situation, the Agricultural College Extension Service is sending out representatives to secure options on corn of known quality. The corn will be purchased with money provided by Congress and will be sold to the farmers at cost. Persons having supplies of good seed corn for sale are urged to advertise it in their local papers as well as farm papers, and to communicate with the Agricultural College Extension Service, Columbus, Ohio.

Export Licenses for Seed Field Corn Refused.

The War Trade Board announces that for the present all applications for licenses to export seed field corn will be refused. This action is considered necessary in view of the fact that the visible supply of sound germinable seed field corn is not in excess of our own planting requirements. It is required by the war trade Board that all shippers desiring to export corn from the United States shall indicate clearly on their applications for export licenses the character of the corn consigned and the purpose for which it is to be used.

"Seeds with a Lineage" All Varieties Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

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Complete List of Florists' Choice Seeds.
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Notes.

Cleveland, O.—A seed store was opened by Walter E. Cook, Inc., at 10504 St. Clair Ave., January 15th.

The National Canners' Convention will be held in Boston all next week with headquarters and a mammoth exhibition at Mechanics Building.

The Missouri College of Agriculture publishes the following list showing the number of years for which seed of some vegetables will retain their vitality: Beans, 3; beet, 6; cabbage, 5; carrot, 5; celery, 8; cucumber, 10; eggplant, 6; lettuce, 5; melons of all kinds, 5; okra, 5; parsley, 3; pea, 3; pepper, 4; pumpkin, 4; radish, 5; spinach, 5; squash, 6; tomato, 4; turnip, 5. Seed of other vegetables not mentioned are short-lived, and should never be carried over more than two years. Since seedsmen often carry their seedstocks over one or two seasons, it may not always be safe to count on the full life of seeds as mentioned. Then, too, the older seeds may be somewhat weaker, and therefore should be sowed thicker and more carefully than fresh seeds. However, old ones are valuable this year, and every one who has any should plant them before ordering a fresh supply. In some cases such as cucumbers, older seed are thought even better than new stock.

CATALOGUES RECEIVED.

Stark Bros' Nurseries, Louisiana, Mo. Fruit Catalogue, devoted to apples mainly.

L. E. Williams, Exeter, N. H.—1918 Price List of Collected Native Trees, Shrubs and Plants.

W. W. Wilmore, Denver, Colo. "Dahlias, 1918." A model list, finely illustrated; also Trade List.

"The Gladiolus Beautiful"; a Price List of Bulbs grown by Howard M. Gillet, Lebanon Springs, N. Y.

Harrison's Nurseries, Berlin, Md.—Catalogue of Fruit and Ornamental Nursery Stock. Illustrated and very instructive.

W. W. Johnson & Son, Ltd, Boston, England—Wholesale Trade Catalogue for 1918. Vegetable, Flower and Farm Seeds, Sweet Peas and Potatoes.

William Tricker, Arlington, N. J.—Catalogue and Price List of Water Lilies, etc. Very attractive, with four lovely Nymphæa portraits in colors.

S. M. Isbell & Co., Jackson, Mich.—Isbell's Seeds for 1918. 39th year, "As they grow, their fame grows." Profusely illustrated. Cover pages show

vegetables in colors.

G. H. Hunkel Co., Milwaukee, Wis.—General Seed Catalogue for Spring, 1918. A comprehensive selection of good things in vegetable and flower seeds. Covers in colors.

Thos. J. Grey Co., Boston, Mass.—1918 General Seed, Plant and Implement Catalogue. Should prove a good business promoter. Six pages of novelties and specialties. Fully illustrated and well arranged.

Conard & Jones Co., West Grove, Pa.—1918 Floral Guide. Covers in rich floral color, one of the most interesting being a portrait of a spray of the lovely single yellow rose Hugonis. Devoted largely to roses.

Livingston Seed Co., Columbus, O.—Seed Annual for 1918. 112 pages, of which 76 are devoted to vegetable seeds. Covers brilliantly illuminated with pictures in colors of Manyfold Tomato, Golden Surprise Field Corn and Tom Thumb Pop-Corn.

Luther Burbank, Santa Rosa, Cal.—1918 New Creations and Special New Selections in Seeds. Cover artistically attractive with portrait of new crimson Eschscholtzia "The Burbank." Many novelties are listed and the descriptions are interesting, albeit somewhat ostentatious and boastful.

E. G. Hill Company, Richmond, Ind.—Catalogue of their three specialties, roses, carnations and chrysanthemums. This is a trade list, containing much information for the grower. The illustrations are really superb. A beautiful portrait of the new rose Columbia adorns the title page.

Sluis & Groot, Enkhuizen, Holland—General Pricelist of Flower Seeds, December, 1917. A well-known standard publication issued by a house which has many friends in this country. We quote the following special note:

Much to our regret we could not issue at the same time our prices of Garden seeds, but we hope we may be able to send an abbreviated list of same later on.

The Dutch Government has placed an embargo on all seeds. For Flowers seeds we may expect export-license in the near future. For Garden seeds however, we presume that it will take a long time still before the export licenses will be granted as our Government is still making up what is wanted for home consumption.

At present we cannot ship by Dutch steamers, as same do not sail. Two steamers with bulbs and plants left our country for the United States during the summer but we were not allowed to ship our seeds with them.

We hope however, that an arrangement may soon be made between our countries in regard to this very important matter else we shall try to ship via England.

Asparagus Plumosus Nanus

Northern Greenhouse Grown Seed

100 Seed, \$.50 | 5,000 Seed, \$15.50
1,000 Seed, 3.50 | 10,000 Seed, 30.00
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Also all Other Seasonable Seeds, Bulbs
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Our 1918 Garden Annual is now
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Choice Flower Seeds FOR FLORISTS

CINERARIA—Prize strains, mixed
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Asparagus Plumosus Nanus—1000 seeds,
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Stocks Beauty of Nice, 75% Double Flowers

—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.

Snapdragon, Petunias, Verbenas, etc.

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8 lbs. for \$1.00

Treatise — How to Grow Them
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Horticultural Sundries

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These names are one of the florists' most valuable assets. A personal letter or a circular of some kind should be sent each of these names at least twice a year and preferably four times a year. Remember, it is not the expensive announcement that brings

Say It With Flowers

the big returns, but it is the constant reminder that brings business. Expensive souvenirs or calendars, except for special occasions, are not worth while. It is better to send a customer four announcements during the year costing 3c each than to send him a single reminder costing 25c.

If you have no mailing list, begin at once to build one. A loose-leaf card list is preferable as names can constantly be inserted and withdrawn. Put in the names of all those who have bought from you within the last two years. It is frequently wise to put in the names of the recipients of flowers or their relatives. Get the names of clubs and societies, high school graduates, university graduates. The secretaries of clubs and lodges will often gladly give you the entire list of members with their addresses. If a Blue Book is published of your

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At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

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Flowers of Every Kind in Season

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ANDERSON service means fresh, sturdy
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WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
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city, this forms a valuable source of names. Get the names and addresses of former residents of your city who have moved away as they will often wish to have flowers delivered in your city. Get the names of young men attending college elsewhere. They will often wish to have flowers delivered in their home town. All these names should be added to the mailing list. There is no surer or more inexpensive way of getting business than the use of a well collected list of this kind.
—The National Florist.

NEW FLOWER STORES.
McComb, Miss.—W. C. Kaber.
Tacoma, Wash.—G. B. Babcock.
Birmingham, Ala.—Empire Flower Shop, Empire Bldg.
Oberlin, O.—H. A. Cook, succeeding Humm-Wainwright Floral Co.

NEW CORPORATION.
Chicago, Ill.—O'Leary, Florist, 4700 Grand Boulevard; capital stock, \$1,500. Incorporators, L. M. Weiss, Alexander Wolf and Stephen Love.

NEWS NOTES.
Providence, R. I.—M. A. Cassidy has closed his flower store on Dorrance street.

San Francisco — Alfred Cuneo succeeds F. Bertrand as manager of Joseph's Flower Shop.

Le Roy, N. Y.—Preisach Brothers, florists, announce that they will devote their greenhouses to the growing of vegetables in place of flowers.

Detroit — The Ladies' Auxiliary of the Florists' Club gave a charity ball on the night of January 24, at the Statler Hotel. It was a gratifying success

The Detroit Florists' Co-operative Advertising stickers for Valentine's Day show a soldier and a sailor standing behind a heart inscribed "Flowers to My Valentine", all in bright colors. These are for use on statements, bills, packages, etc., and the same design is used on posters and wagon banners in larger sizes.

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And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
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ALBANY, N. Y.
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Flowers or Design Work
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Supreme, Thenanthos, Enchantress

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They'll Reciprocate

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For Safety Place Your Orders With Us

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" " Fancy and Extra	15.00	to 25.00	40.00	to 50.00	25.00	to 35.00
" " No. 1 and culls	4.00	to 8.00	10.00	to 20.00	10.00	to 20.00
Russell, Euler, Mock	4.00	to 12.00	10.00	to 35.00	6.00	to 35.00
Hadley	4.00	to 15.00	.....	to	8.00	to 20.00
Arenberg, Hoosier Beauty	4.00	to 12.00	.....	to	6.00	to 15.00
Ward	4.00	to 10.00	4.00	to 10.00	.....	to
Killarney, Radiance, Taft	4.00	to 12.00	4.00	to 8.00	6.00	to 10.00
Ophelia, Sunburst, Hillingdon	4.00	to 15.00	6.00	to 15.00	6.00	to 12.00
Carnations	1.00	to 3.00	1.50	to 4.00	3.00	to 4.00
Cattleyas	25.00	to 50.00	.....	to 75.00	25.00	to 50.00
Dendrobium formosum	.....	to 50.00	.....	to	60.00	to 75.00
Lilies, Longiflorum	8.00	to 10.00	10.00	to 12.50	8.00	to 12.50
Lilies, Speciosum	6.00	to 8.00	.....	to .....	.....	to
Callas	12.00	to 16.00	16.00	to 22.50	15.00	to 20.00
Lily of the Valley	6.00	to 10.00	6.00	to 8.00	8.00	to 10.00
Snapdragon	6.00	to 10.00	3.00	to 4.00	10.00	to 20.00
Bouvardia	2.00	to 3.00	.....	to .....	.....	to
Violets	.50	to 1.00	.50	to .75	.75	to 1.00
Freesia	2.00	to 3.00	3.00	to 4.00	4.00	to 5.00
Narcis, Paper White	1.00	to 2.00	3.00	to 4.00	2.00	to 3.00
Roman Hyacinths	1.00	to 3.00	3.00	to 4.00	.....	to 5.00
Stevia	1.00	to 1.50	.....	to 1.00	.....	to 1.50
Calendula	2.00	to 3.00	.....	to	4.00	to 5.00
Mignonette	3.00	to 4.00	4.00	to 8.00	4.00	to 5.00
Sweet Peas	.50	to 1.00	.75	to 1.00	1.00	to 3.00
Marguerites	2.00	to 4.00	.....	to	2.00	to 3.00
Gardenias	15.00	to 35.00	.....	to 35.00	25.00	to 35.00
Adiantum	1.00	to 1.25	.....	to 1.00	1.00	to 1.50
Smilax	20.00	to 25.00	12.50	to 15.00	.....	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	5.00	to 50.00	.....	to	50.00	to 60.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

The market shows a **BOSTON** somewhat stronger tone this week but there is practically no change worthy of special mention. There are no new introductions to vary the monotony and so far as quality or supply are concerned the market stays on an even keel. The most troublesome condition is the transportation break-down which prevents distribution of the stock and makes it a local burden difficult to unload. Good hopes are entertained for the Valentine's Day business. Sweet peas are very abundant.

The market just now **CHICAGO** is short of roses. The shortage of coal has caused the necessity of running greenhouses at as low a temperature as possible and the effect is beginning to show in the number of roses being cut. Prices have advanced accordingly. Carnations are coming into their own once more and growers will get better prices from now on than for many months. Spring flowers are in every store. The first cuts coming so early in December the novelty was gone before the time when the real demand generally comes. Tulips, daffodils and other narcissus all are here in quantity and play a large part in the week's sales even at low prices. There is some very good lily of the valley but the demand is limited and the small amount grown now is sufficient to go around. The demand for violets is also higher.

Business is inclined **CINCINNATI** to be somewhat quiet. Receipts are sufficient to take care of all present needs. Although there are still some embargoes and delays in express shipments they are coming through better than a fortnight ago and shipping business is fairly good. Roses with the exception of long ones are not very plentiful. The carnation cut is large and good. Lilies and callas are plentiful. Sweet peas and tulips are in a fair supply and sell pretty well. Cypripediums are having a slow market. Among other offerings are calendula, baby primrose, freesia, wall-flower and forget-me-not.

Business has shown **NEW YORK** but little change since last report. A somewhat improved demand for roses and occasionally for other things is apparent but as a general thing it is a case of "stand pat" for everybody, and he who holds his own has reason to feel elated. The wholesale markets are well stocked. Carnations are plentiful and good but find only a moderate support. Roses sell better than anything else. A better outlook for the violet looms up with the approach of Valentine's Day and it is possible the cattleyas may get a puff of wind on that occasion, also the sweet peas, which are on the increase. Bulbous flowers are still in excess of the requirements and sales in quantity

SWEET PEAS

Are wonderful in quality, good flowers, good stems, with splendid cuts for Valentine's Day, at

\$3.00, \$2.00, \$1.50, \$1.00 Per 100

Everything in Plants, Cut Flowers, Greens, Ribbons and Supplies.

S. S. PENNOCK CO.

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NEW YORK 117 W. 28th St.
BALTIMORE Franklin & St. Paul Sts.
PHILADELPHIA 1608-1620 Ludlow St.
WASHINGTON 1216 H St., N. W.



WHOLESALE FLOWER MARKETS — TRADE PRICES—Per 100 TO DEALERS ONLY

	CINCINNATI Feb. 4		CHICAGO Feb. 4		BUFFALO Feb. 5		PITTSBURG Feb. 4	
Roses								
Am. Beauty, Special.....	30.00	to 40.00	35.00	to 40.00	50.00	to 60.00	40.00	to 50.00
" " Fancy and Extra.....	20.00	to 30.00	25.00	to 30.00	30.00	to 40.00	20.00	to 35.00
" " No. 1 and culls.....	8.00	to 15.00	10.00	to 15.00	25.00	to 30.00	10.00	to 15.00
Russell, Euler, Mock.....	8.00	to 15.00	6.00	to 20.00	6.00	to 10.00	8.00	to 25.00
Hadley.....	8.00	to 15.00	5.00	to 15.00	6.00	to 12.00	.....	to
Arenberg, Hoosier Beauty.....	6.00	to 12.00	5.00	to 15.00	6.00	to 15.00	.....	to
Ward.....	4.00	to 10.00	5.00	to 15.00	3.00	to 6.00	6.00	to 12.00
Killarney, Radiance, Taft.....	4.00	to 10.00	5.00	to 12.00	6.00	to 10.00	6.00	to 12.00
Ophelia, Sunburst, Hillingdon.....	6.00	to 15.00	5.00	to 15.00	5.00	to 15.00	6.00	to 12.00
Carnations	3.00	to 4.00	1.50	to 4.00	3.00	to 5.00	2.00	to 4.00
Cattleyas.....	.....	to 75.00	60.00	to 75.00	50.00	to 60.00	40.00	to 60.00
Dendrobium formosum.....	.....	to .....	.....	to .....	.....	to .....	.....	to
Lilies, Longiflorum.....	.....	to 12.50	8.00	to 12.00	8.00	to 12.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	4.00	to 8.00
Callas.....	8.00	to 10.00	6.00	to 12.00	10.00	to 15.00	.....	to
Lily of the Valley.....	.....	to 6.00	4.00	to 6.00	8.00	to 10.00	.....	to
Snape.....	4.00	to 8.00	5.00	to 6.00	4.00	to 8.00	4.00	to 8.00
Bouvardia.....	.....	to 6.00	4.00	to 6.00	.....	to .....	.....	to
Violets.....	.75	to 1.00	.75	to 1.00	.60	to .75	.35	to .75
Freesia.....	2.00	to 4.00	3.00	to 5.00	3.00	to 5.00	4.00	to 6.00
Roman, Paper White.....	3.00	to 4.00	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00
Roman Hyacinth.....	3.00	to 4.00	2.00	to 3.00	3.00	to 4.00	2.00	to 4.00
Stevia.....	2.00	to 3.00	2.00	to 3.00	1.00	to 1.50	1.00	to 1.50
Calendula.....	3.00	to 4.00	2.00	to 3.00	2.00	to 3.00	3.00	to 6.00
Mignonette.....	2.00	to 6.00	4.00	to 8.00	4.00	to 6.00	2.00	to 5.00
Sweet Peas.....	1.00	to 1.50	1.00	to 2.00	1.00	to 2.50	.75	to 3.00
Marguerites.....	.....	to 1.00	.....	to	1.00	to 1.50	1.00	to 3.00
Gardenias.....	.....	to	20.00	to 25.00	15.00	to 20.00	.....	to
Adiantum.....	.....	to 1.00	1.00	to 1.25	1.00	to 1.25	1.00	to 1.25
Smilax.....	.....	to 15.00	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	35.00	to 60.00

are negotiated on the basis of the buyers' good nature.

Trade has improved **ROCHESTER**, during the past week. Stock is good but several shipments have arrived frozen and it is difficult to get stuff on time. Trumpet narcissi are plentiful. The supply of carnations is somewhat larger, but there is a slight shortage of light pink. Roses are all plentiful and sell well. Freesia, orchid peas and violets move satisfactorily.

The street car strike **ST. LOUIS** now on stops retail trade in general. Car-

nations, especially in poorer grades, are on the increase and are sold at low prices. Roses are still scarce and command good figures. Violets and sweet peas are slightly on the increase in supply but there will probably be a shortage for Valentine's Day. Bulbous stock is moving fairly well.

Gloeckner the Florist, Albany, N. Y., has sent out with the January issue of his ever fresh and inspiring pamphlet "The Blue Flower," a little manual of Wedding Etiquette, giving the correct procedure for wedding ceremony, etc., with due attention to the important item of flowers. Good "publicity."

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Spring Novelties Now On Display

New Show Rooms Added

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Telephone: 2635 Farragut.

Call and inspect the Best Establishment
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WHOLESALE FLORISTS

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Phone Farragut 4336

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READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

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THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.

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WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

18 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
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A full line of Choice Cut Flower Stock for all purposes.

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THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
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SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

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Centrally Located, The Hub of the Flower Market Section

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HEADQUARTERS for the entire output of the

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MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

	ROSES AND CARNATIONS		Last Part of Week ending Feb. 2 1918		First Part of Week beginning Feb. 4 1918	
American Beauty, Special	25.00	to 35.00	30.00	to 35.00		
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00		
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00		
Russell, Euler, Mock	3.00	to 12.00	3.00	to 12.00		
Hadley	3.00	to 35.00	3.00	to 40.00		
Arenberg, Hoosier Beauty	3.00	to 8.00	3.00	to 8.00		
Ward	3.00	to 8.00	3.00	to 8.00		
Killarney, Radiance, Taft	3.00	to 8.00	3.00	to 8.00		
Ophelia, Sunburst, Hillingdon	3.00	to 12.00	3.00	to 12.00		
Key	3.00	to 12.00	3.00	to 12.00		
Carnations	1.00	to 4.00	1.00	to 4.00		

GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS

129 West 28th Street

Tel. 6237 / 3563 Farragut

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly Charles Schenck

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JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 422-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 684,
NEW YORK.

BUSINESS TROUBLES.

Seattle, Wash.—C. Melby, florist, voluntary petition in bankruptcy.

Buffalo, N. Y.—J. Benson Stafford, florist, 72 West Chippewa St.; assets, \$8,783.37; liabilities, \$25,700.03.

Various things have contributed to financial difficulties in the handling of the property known as the Schuetler greenhouses at Wilmette, Ill., bought two years ago by Pyfer & Olsem. The financial backing was furnished at that time by H. E. Philpott of Winnipeg and he is now located at the greenhouses where he will devote his time to steering the business with smoother waters.

Charlotte Megchelsen, who sold her store at 47th street and Grand Boul., Chicago, to A. J. O'Leary on contract early in January, filed a petition in bankruptcy Jan. 19th, with liabilities placed at \$2,612.84 and assets at \$1,218.00, the petition subject to the contract. The referee appointed a trustee who has some complications to straighten out, O'Leary claiming the store by right of purchase and Miss Megchelsen including it in her assets.

W. H. Kidwell, prominent south side florist in Chicago, for twenty or more-years, filed a petition in bankruptcy Jan. 31st. His liabilities are scheduled at \$29,147.16 and assets at \$22,214.61. Mr. Kidwell started in the florists' business with his brother John at 3806 Wentworth Ave. when only a boy and about eighteen years ago he started for himself at 924 Forty-third street where he has been ever since. A few years ago he purchased the Wentworth avenue place from his brother and placed his son in charge. The assignment covers both places. Many of the wholesalers are on the list of creditors and some to an extent that makes the failure a serious matter to them.

NEWS NOTES.

Buffalo, N. Y.—William E. Harries succeeds David A. Seymour as superintendent of Buffalo parks.

Union Parish, N. Y.—Prof. Hugh Findlay, a former teacher of horticulture and botany at the Morrisville State Agricultural School, for something like three years a member of the faculty of the Agricultural College at Syracuse University, has been appointed to a position in the Federal Department of Agriculture at a salary of \$2,000.

Elmira, N. Y.—A fire of unknown origin which broke out at 2.15 o'clock on the morning of January 25 in the building at 107 West Market street, occupied as a florist shop by Frank W. Durand, damaged the structure to the extent of \$4,000 and also caused a total loss of the contents which were valued at \$4,000 and was only partly covered by insurance. The place was opened for business in 1878 by the late Grove P. Rawson, who died in 1902. Since that time the business has been conducted by Frank W. Durand, who married a sister of Mrs. Rawson. It was the only place of its kind located in the heart of the city, and has always been regarded as one of the most up-to-date establishments of its kind in Southern New York

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Feb. 2 1918		First Part of Week beginning Feb. 4 1918	
Cattleyas.....	15.00	to 25.00	15.00	to 25.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	4.00	to 8.00	4.00	to 8.00
Lilies, Speciosum.....	3.00	to 6.00	3.00	to 6.00
Callas.....	15.00	to 20.00	15.00	to 20.00
Lily of the Valley.....	2.00	to 8.00	2.00	to 8.00
Snappdragon.....	2.00	to 15.00	2.00	to 15.00
Bouvardia.....	2.00	to 3.00	2.00	to 3.00
Violets.....	.30	to .75	.30	to 1.00
Freessias.....	1.00	to 3.00	1.00	to 3.00
Narcis, Paper White.....	.75	to 2.00	.75	to 1.50
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Tulips.....	2.00	to 4.00	2.00	to 4.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	3.00	to 4.00	3.00	to 4.00
Sweet Peas.....	1.00	to 2.00	.50	to 2.00
Marguerites.....	1.00	to 3.00	1.00	to 3.00
Gardenias.....	15.00	to 30.00	15.00	to 30.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Sprea (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

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SINGLE VIOLETS WANTED

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CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

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Telephone No. 755 **NEW YORK**
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VISITORS' REGISTER.

Darien, Conn.—Prof. and Mrs. Richard T. Muller, Hampton, Va.

Boston—W. A. Manda, South Orange, N. J.; C. S. Strout, Biddeford, Me.; William Jurgens, Newport, R. I.

Rochester, N. Y.—J. T. Cokely, Scranton, Pa.; Arthur E. Bebb, Newark, N. Y.; Milton Selinke, New York.

Philadelphia—Stephen Mortensen, Southampton, Pa.; Alex. Forbes, Newark, N. J.; James A. Brown, Coatsville, Pa.; H. A. Bunyard, New York City.

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EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

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We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

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Cut Flowers of All the Leading Varieties in their Season.

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Wired Toothpicks

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ManufacturersStandard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. NEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****BOSTON.**

John A. Nelson of Framingham has been elected Water Board member for the winter.

"America's Horticultural Future" is the title of W. A. Manda's lecture before the Massachusetts Horticultural Society on Saturday, February 9.

The next meeting of the Gardeners' and Florists' Club, Tuesday, February 19, will be Carnation Night and a fine display of these flowers is promised.

Bertrand H. Farr will give an illustrated lecture at Horticultural Hall, February 16, on "The Peony." On February 23 Prof. L. M. Massey of Ithaca, N. Y., will talk on the "Dis-eases of Roses."

As Asst. Dist. Atty. Frederick M. J. Sheenan began his duties last Monday forenoon, he found a huge floral piece, standing six feet high and containing 1,200 carnations, in his office when he arrived. A few more such boosts would do the carnation a world of good.

The Wholesale Flower Markets were ordered to close on Mondays at 9 a. m. The wholesale flower stores have permission however, to remain open in order to care for their shipping trade. The latter is badly crippled just now by express embargoes, train cancellations and impediments of like nature and shipments north or east have been practically impossible this week.

Sixteen bills calling for boulevard and parkway improvements within the metropolitan district have been rejected by the committee on metropolitan affairs on the ground that the expense connected with them can be dispensed with until after the war. All of these bills were before the Legislature of 1917. Many of them received favorable consideration in their initial stages, but all of them were referred to the next General Court after the declaration of war.

The Horticultural Club of Boston had as guests at its meeting on Wednesday evening, February 6, Jas. C. Scorgie, superintendent of Mt. Auburn Cemetery; E. W. Breed, of Clinton; D. M. Rogers, of the Massachusetts Gypsy Moth Commission, and E. R. B. Allardice, superintendent of the Wachusett Water Works, Clinton. Mr. Allardice gave an interesting talk, with lantern slides, on the planting and treatment of the land surrounding the great reservoir.

Plans approved for the new Massa-

chusetts Exhibit Building to be erected for the Commonwealth on the Eastern States Agricultural and Industrial Exposition grounds at West Springfield, indicate an attractive building costing about \$50,000. The main building contains a large exhibition room with two wings, while the central portion of the building is an adaptation of the old State House in Boston. The commission appointed by the Governor to supervise the erection of the building is composed of J. K. M. L. Farquhar, chairman, Wilfrid Wheeler, secretary of the State Board of Agriculture, and Edward P. Butts of Springfield. The architect is James H. Ritchie of Boston.

A training course in horticulture, consisting of 16 lectures and demonstrations, began with a lecture on soils and soil fertility by Professor Beaumont of the Massachusetts Agricultural College, Wednesday afternoon, Jan. 30, at the Boston Trade School. The course is given by the Boston public schools and the Agricultural College, and is intended especially for teachers and others who wish gardening certificates for this season. It is hoped to offer an equivalent course annually, covering, during a four-year cycle, all phases of horticultural practice. The lectures will be given weekly on Wednesday from 2.30 to 3.30, and from 4.30 to 5.30 p. m., from Feb. 6 to April 10.

The National Publicity Committee for Massachusetts, Patrick Welch chairman, has mailed this week to six hundred florist establishments in the state a circular letter calling for subscriptions towards Massachusetts' quota in the campaign for funds. E. Allan Peirce, W. R. Nicholson, B. Hammond Tracy and J. K. M. L. Farquhar are the other members of the committee. It is stated that already contracts have been made with the Saturday Evening Post, Metropolitan Magazine, Literary Digest, Good Housekeeping Magazine, Woman's Home Companion, Delineator, House and Garden, Garden Magazine and other leading publications to carry the flower message to the general public during the year 1918.

Thomas H. Buttner, town counsel for Hull, argued Wednesday before the Legislative Committee on Metropolitan Affairs for a bill authorizing that town to tax for local purposes property within its borders owned by the Metropolitan Park Commission and used for them for revenue-producing purposes. He said that the town not

only loses taxes on the property, but that it also paid its share of the Metropolitan Park expenses. George S. Rogers, secretary of the Metropolitan Park Commission, who opposed the proposition, pointed out that Hull is relieved under present conditions of the expenditure for which taxes are levied, as the commission maintains both a Fire and Police Department in the region about the reservation.

PHILADELPHIA.

Hitchings & Co.'s office in this city has been closed until the end of the war.

Conard & Jones Co. in their latest catalogue claim among other things that they have put the little town of West Grove on the map. The claim, we believe, is largely true. But the mapping business was done before their day by the original rose man, Mr. Dingee of blessed memory, and we are glad to see the seed he planted half a century ago has borne such splendid fruit. West Grove is on the map all right.

The prospects for St. Valentine's Day business seem to be fairly good. The only unfavorable feature seems to be Ash Wednesday, which this year comes on the 13th. It is many years since the combination took place before and on that occasion it played hob with the Valentine flower business. But social customs have greatly changed since then and the Lenten season is not so much dreaded as it was. Buyers from different spheres of the community are now much more in evidence.

ST. LOUIS

Geo. Waldbart is getting better. He is able to sign cheques and is expected out in ten days.

Weekly meetings of the permanent committees on publicity will be held. Large ads. are being given to the daily papers, advertising Valentine's Day.

A fire on Thursday night, January 31 broke out and badly damaged the 3rd floor part of the supply department of the Wm. C. Smith Wholesale Floral Co. A large supply of wooden caskets were a total loss. Total damage over \$2,000.

A meeting of the Publicity Committee of the Florist Club, Retail Association and County Growers' Association took place Thursday afternoon, Jan. 31. A permanent joint committee was appointed with Chairman Jules Bourdet, Secretary and Treasurer J. J.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
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AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

Beneke. \$500 to be raised for new advertising, \$350 of which is already subscribed. The following comprised the committee: Retailers—F. C. Weber, Jr., Martin Seeger and Vincent Gorly. Growers—W. J. Pilcher, Mr. Rowe. Florist Club—George B. Windler, W. C. Smith, Paul Redan.

ROCHESTER, N. Y.

Wm. J. Riley has been appointed Park Commissioner.

Mr. Owen has left the employment of the Rochester Floral Co.

The Western New York State Horticulture Society has raised nearly \$150 to purchase apples to send to the American soldiers.

H. E. Wilson is making a specialty of baskets of hyacinths and spring flowers which will sell readily for funerals and various other occasions.

Lester Brown, of H. E. Wilson's, now stationed at Camp Jackson has been promoted to corporal. Albert Young of the same firm has passed examination and expects to be called soon.

The Rochester nurserymen including William Pitkin, president and treasurer of the Chase Bros. Company; Wm. H. Dildine, of James Vick's Sons; Charles J. Brown, president of Brown Bros. Co.; Hubert B. Stringer, president of the Rochester Florists' Association; Charles J. Maloy, of Ellwanger & Barry, and Park Superintendent C. C. Laney, are all emphatic in their disapproval of the proposed bill in Congress prohibiting the importation of nursery stock as a check upon the ravages of imported fungous diseases and insect pests. The bill is designed to take effect July 1, and the nurserymen declare that it would paralyze the nursery business, as it would be impossible to grow even seedlings for planting in the spring of 1919. They say, moreover, that American grown seedlings are inferior and more expensive than the French grown and that with a proper inspection law there is absolutely no need for such exclusion of the foreign stock. The

proposed bill is declared by the nurserymen to be the work of radical ill advised scientists who do not realize the injury it would inflict.

WASHINGTON.

James McHutchison of New York passed through Washington on February 4, on his way to New Orleans and California. He is much interested in having Senate Bill 3,344 defeated and is confident of success.

Charles B. De Shields, son-in-law of Adolphus Gude, of Gude Bros. Co., a student aviator at Lake Charles, La., had a thrilling experience when his machine collided with another and he was hurled to the ground, some four or five hundred feet and escaped unhurt although the machine was completely demolished. De Shields fell 400 feet upside-down. His body made a deep dent in the back of the seat and in the fuselage was a dent where his head struck.

Adolphus Gude, in addition to Mr. De Shields, has three sons in the service, two of whom are not 20 years old, and W. F. Gude has one son in

the regular army. Several of these boys are life members of the S. A. F. & O. H. These five boys are members of Gude Bros. Co., and in addition there are eleven other young men employees of the establishment, in the service.

NEW YORK.

The annual ball of the Greek-American Florists' Association will take place at Terrace Garden, on Wednesday night, February 27. S. D. Sakas, Charles Pappas, G. Hanges, P. Mantzoras and D. Anargyros are the committee of arrangements.

Weeber & Don have issued a timely illustrated pamphlet under the title of School and Community Gardens. There are twenty-seven half-tone plates, showing views and operations in children's gardens, etc., and several pages of interesting data, together with some carefully compiled and reference tables containing a vast amount of information regarding vegetable seeds and planting operations. It is the best thing of the kind we have seen and will doubtless find a widespread welcome.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ALYSSUM VAR. BAUDISCH.

A very pretty plant with beautiful variegated foliage. Very valuable as pot and bedding plant. Out of 2 in., \$5.00 per 100, \$35.00 per 1000; rooted cuttings, \$2.00 per 100, \$18.00 per 1000. Cash with order. EMIL H. BAUDISCH, 753 Hamilton Ave., North Bergen, N. J.

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
 Bulbs of all descriptions. Write for prices.
 NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell, Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. **FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa.** Large breeding pairs for sale. Send for price list.

GLASS

Greenhouse glass, lowest prices. **JOHN-STON GLASS CO., Hartford City, Ind.**

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. **C. BETSCHEE, Canal Dover, O.**

ROSES

ROSES, CANNAS AND SHRUBS.
 THE CONARD & JONES COMPANY,
 WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. **LAGER & HURRELL, Summit, N. J.**

STRAWBERRIES

Strawberry Plants. Money making varieties. Catalogue Free. **BASIL PERRY, Georgetown, Delaware.**

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. **J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.**

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

HELP WANTED

WANTED—Man experienced in outdoor garden and greenhouse work, as assistant gardener on private estate within a mile of Boston. Scotch preferred, single and not under 35 years old. Apply to office of **HORTICULTURE, 147 Summer St., Boston.**

SITUATIONS WANTED

SITUATION WANTED—By Japanese horticulturist. Graduate of Horticultural College. Practical experience in Japan and United States. Able to do all kinds of gardening and greenhouse work. Married. State wages etc. "J. H." care **Horticulture Publishing Co.**

CROMWELL, CONN.

...one of the new plants ... place ... with ... to an ... and de ... fast and ... house ... this spring and will far outclass the Moordrecht variety.

We were greatly interested in the ... Mr. Pierson says that he will plant 16,000 of this rose for the coming season. 15,000 of "Evelyn" will also be grown, and "Winnett" will take a leading place among the coming favorites because of its marvelous productiveness. There are close to a quarter million roses planted in this mammoth establishment and about 125,000 carnations and countless chrysanthemums in which all the novelties are included. Mr. Pierson says he has got entirely free of the chrysanthemum midge, which gave him incessant trouble two years ago. Carnations generally look good with the exception of *Thenanthos*, practically every flower of which shows a burst calyx.

Mr. Pierson is preparing to make an exhaustive trial of peat as fuel, having a large deposit of this material on his property.

CHICAGO'S SNOW BLOCKADE.

The picture shows how Mr. Hancock (to the right) and others spend their time after business hours. In the downtown district it is a much worse problem, for when side walks and street car tracks are cleared the drifts between them are six and eight



feet high and extend miles at a stretch. The loop is now practically cleared of snow but that is only one square mile of Chicago's 200 square miles of area. Conveyances of all kind must use the street car tracks, making the daily trips very tiresome on the surface cars. Coal wagons have right of way always, but how to get near enough to a building to deliver the goods is the question and frequently a street car must wait while a load of coal is carried in. Florists will have occasion to long remember this winter.

CHICAGO.

Wm. Reid, formerly with the W. W. Barnard Co., has now joined the A. L. Randall forces and is on a trip through the central west.

W. W. Adams, 1169 N. State street, has shown his willingness to conserve coal by closing the fine conservatories connected with his store.

C. Frauenfelder, 3343 W. Madison street, whose business has been built up largely by catering to the demand for funeral flowers, says he finds trade this year almost as good as any other. Miss Edna, his chief assistant, has lately added the bookkeeping to her share of the work.

TORONTO, ONT.

Some of Toronto's retail florists are advocating the removal of duty on flowers.

The next regular meeting of the Florists' and Gardeners' Club will be held on February 19.

The Toronto Retail Florists' Club met in Dunlop's Hall on January 14, with President George Geraghty in the chair. About forty florists were present. A design for a window display card for St. Valentine's advertising was chosen—A large red heart bearing the inscription in white letters, "Let your Valentine be flowers."

LEMON OIL CO'S STANDARD INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/2 Pint, 20c.; Pint, 50c.; Quart, 90c.;

1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00.

Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.

Aphine

The Insecticide that
kills plant Lice
of many species

The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNGINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For ear worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

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Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

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CONCENTRATED PULVERIZED
MANURE**

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CAN SHIP ANY SIZE AT ONCE

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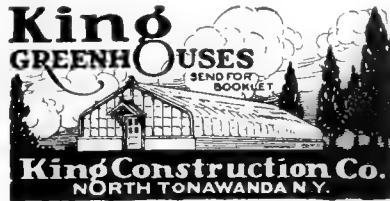
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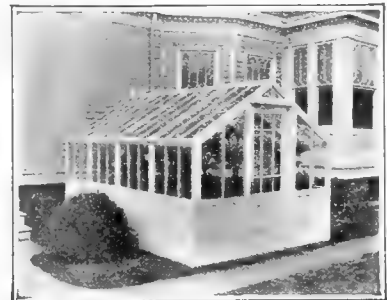
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SECTIONAL GREENHOUSES

For Commercial and
Private Growers



Anyone who can handle a hammer can assemble this greenhouse. We furnish all the necessary hardware. When once erected it can remain as a permanent greenhouse, or it can be taken apart and re-erected elsewhere if necessary.

The house illustrated stands 8½ ft. wide by 12 ft. long. It is made of Gulf Cypress and can be attached to the residence or garage, or put up as a separate detached house. Has 2 glass ends and doors. Equipped with 2 plant benches, ventilating arrangement both sides. Has plenty of headroom and wide walk. This same house can easily be made larger at any time by adding our ready made, exact fitting units.

We build greenhouses of all styles and sizes and go anywhere in the United States to submit plans and prices.

Metropolitan Material Co.
PATENTED GREENHOUSES

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GO ON Or Go Under

Our work is not done
until the war is won and
peace secured which will
guarantee freedom to all
peoples, great and small.

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Lets the Stay-at-Homes Help!

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DREER'S

FLORIST SPECIALTIES
New Brand New Style
"RIVERTON" HOSE

Furnished in lengths up to 100 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch, per ft., 17 c.
Reel of 500 ft., 16 ¼ c.
2 Reels, 1000 ft., 16 c.
¾-inch, 15 c.
Reels, 500 ft., 14 ½ c.

Couplings furnished
HENRY A. DREER
714-716 Chestnut St.,
PHILADELPHIA, PA.

GREENHOUSES BUILDING OR CONTEMPLATED.

Westboro, Mass.—Howard C. Smith.
one house.

Indianapolis, Ind.—Albert Stanley.
one house, completed.

Yonkers, N. Y.—A kerosene oil stove left burning in the place is believed to have caused a fire in the florist shop of Richard Broderick, 3 Manor House Square, about 7.30 o'clock on Sunday, Jan. 27. Mr. Broderick estimates his loss at \$600.

MASTICA

For Greenhouse
Glazing

USE IT NOW

F.O. PIERCE CO.

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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

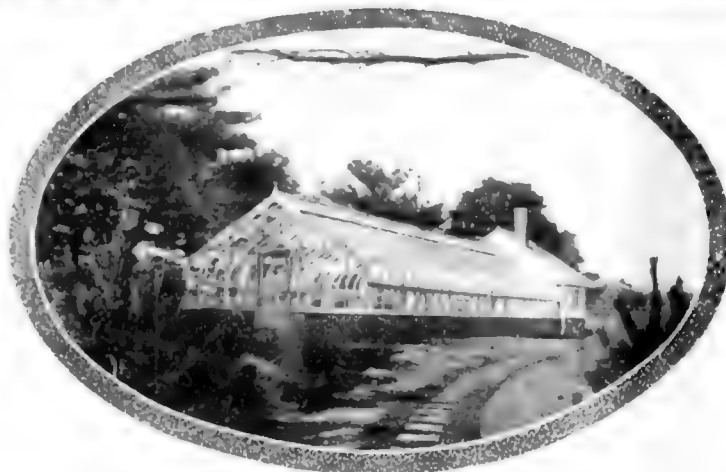
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On Ventilating Apparatus and Greenhouse Fittings

ADVANCE CO., RICHMOND, IND.

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address, **JOHN G. ESLEE, Sec., Saddle River, N. J.**

Erected for Geo.
Milton



At His Seaside
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What This Greenhouse Costs

Nail fastness to you, we can't give the price of this house here and now. But I advise there may be favorable conditions about your location that would materially lower the masonry or other construction cost.

Of course if you live 50 miles from New York, the freight on materials, and fares of our men will be much less than if 500 miles away.

Then there is also the question of heating that admits of numerous economy advantages, provided they can be taken advantage of.

So, obviously, the best way to secure the best price on this, or any of our greenhouses, is to have one of us come and see your location and talk things over with you.

Will you kindly name the time and place?

Hitchings and Company

General Offices and Factory, ELIZABETH, N. J.

NEW YORK, 1170 Broadway

BOSTON, 49 Federal Street

Plant Propagation, Greenhouse and Nursery Practice

By M. G. KAINS

We have had many inquiries from time to time for a reliable and up-to-date book on plant propagation, but were always at a loss to find any publication that we could recommend. The subject has been dealt with in fragmentary manner only in books that have come to our notice. So it is well that this new work has been issued, especially as it is both comprehensive and practical, and it should meet with a ready sale among plantmen, nurserymen and gardeners. There are nineteen chapters covering in detail topics of germination and longevity of seeds, propagating by buds, layering, cuttings, grafting, etc., fruit tree stocks, scions, etc., and there are eight pages of condensed cultural instructions in tabulated form, covering annuals and perennials from seed, woody plants, evergreens, vines, bulbs and tubers, greenhouse and house plants, ferns, palms, water plants, orchids and cacti. The illustrations are numerous, comprising 213 figures and halftone plates. There are 72 pages well bound and on heavy paper, teeming with helpful information. It is a book which no cultivator can afford to do without. It is worth many times its price. Copies can be supplied from the office of HORTICULTURE at publisher's price, \$1.50.

HORTICULTURE PUBLISHING CO.
147 Summer St., Boston, Mass.

Principles and Practice of Pruning

By M. G. KAINS

Lecturer on Horticulture, Columbia University

Few practices in the handling of plants, especially fruit bearing plants, attract so much interest as do those of pruning. The methods are so varied, the results so diverse, and the opinions of growers so apparently contradictory that this subject is always one of the most interesting, and the surest to hold attention and arouse discussion.

Particularly during the last ten or fifteen years when the principles of plant physiology have been more and more satisfactorily applied to plant production and management has interest settled in pruning. During the latter half of this time also more and more investigations and tests have been conducted by experiment stations and other workers to test out methods and principles in the interest of science and for the benefit of growers. The accumulation of such new knowledge has become very considerable especially in the last decade, but it is necessarily so scattered that very few growers have access to it, hence the demand for a book, which shall present the really important features of these investigations as well as set forth the fundamental principles based upon the laws of plant growth.

This volume is lavishly illustrated mainly by actual photographs of specimens which show good and bad practices. The author has spared neither time nor expense in gathering his photographs, each one of which tells its story.

After a few pages of introduction the author discusses Plant Physiology as related to pruning. A chapter takes up the Philosophy of Pruning, itself a very interesting subject. Then follows a classification and clear discussion of Buds, very fully illustrated from life. How Wounds Heal is an exceedingly interesting chapter, as are also those on Prevention and Repair of Mechanical Injuries, Pruning Nursery Stock, Young Trees, Mature Trees and Odd Methods of Pruning and Training, Rejuvenating Neglected Trees and Practical Tree Surgery.

Profusely illustrated. 400 pages. 5½ x 8 inches.
Cloth. Net, \$2.00.

HORTICULTURE PUBLISHING CO.
147 Summer St., Boston, Mass.

Vol. XXVII
No. 7
FEB. 16
1918

HORTICULTURE



Photo by Edwin Leslie, N. Y.

Ophelia

One of the Most Useful and Popular of Florists' Roses

Dreer's Grand New Cannas for 1918

Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

CARMINE BEAUTY. Deep bright carmine flowers freely produced high above the heavy dark green foliage without a red margin. The flowers while not as large as those of Olympic are of a much brighter and more pleasing tone. 3½ ft. 75 cts. each; \$7.50 per doz.

CHEERFULNESS. No more appropriate name could be given to this beautiful novelty. Its beautiful bright fire-red or deep carmine flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre with each petal flaked with crimson and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 55 cts. each; \$5.50 per doz.

CLOTH OF GOLD. A very attractive dwarf, compact-growing free flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

DAZZLER. Time and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire-red flowers. The intensity of coloring and freedom of blooming coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$3.50 per doz.

GOLDEN EAGLE. A wonderfully intense golden-yellow. Very free upright grower. The large flowers are produced in great clusters well above the foliage. 4½ ft. 50 cts. each; \$5.00 per doz.

HARMONY. Great clusters of good-sized, well-formed Geranium-red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Altogether a dignified harmonious combination. 3½ ft. 50 cts. each; \$5.00 per doz.

POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

SENSATION. To get a sensational color-tone in a pink Canna, is particularly noteworthy. Our first impulse was to call it "La France," because the color called to mind the La France Rose, but the tone is even cleaner and purer; it being a lovely pale-rose. The foliage is a beautiful glaucous-green; the plant dwarf and compact. One of the most noteworthy additions to Cannas in recent years. 3 ft. 75 cts. each.

One each of the above Ten Novelties for \$4.00

New Cannas From Other Sources

We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

CLEOPATRA. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous-bronze foliage. This variety stands out strongly in effectiveness. 4 ft. 50 cts. each; \$5.00 per doz.

DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAX OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

LAFAYETTE. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 ft. 30 cts. each; \$3.00 per doz.

One each of the Eight Varieties for \$2.00

HENRY A. DREER,

714 and 716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only



TYPE OF NEWER CANNAS

SUPERB. This variety is unique in color and truly superb; having large, clean bright orange-scarlet blossoms of good substance, produced on strong stalks with glaucous-bronzy foliage giving a most pleasing effect. 5 ft. 40 cts. each; \$4.00 per doz.

POCAHONTAS (Bronzed-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze; one of the best recent introductions. 4 ft. 30 cts. each; \$3.00 per doz.

SAN DIEGO. Chinese-orange or Persian-yellow. The crimped petals are remarkable for substance which enables them to withstand the hot summer sun without wilting. Another charm lies in the dark bronze color of the buds which harmonize with the rich bronze foliage. 4 ft. 15 cts. each; \$1.50 per doz.

VARONA. We have tried this variety for several years and at all times the bright orange-scarlet flowers, combined with the good bronze foliage, has won our admiration. A free luxuriant grower, producing its flowers well above the plant. 4½ ft. 25 cts. each; \$2.50 per doz.

CERANIUMS

sorts, and many of the newer popular varieties and we have as many as you want, if it's 500,000. We are ready to make immediate shipment. 3-in., \$3.50 per 100, \$30.00 per 1,000; 10,000 for \$275.00. 2-in., \$2.50 per 100, \$22.50 per 1,000; 5,000 for \$100.00.

FUCHSIAS

Extra heavy summer-propagated 3-in. branching stuff, needing a shift in 4-in. Something fine for Decoration Day. Black Prince, Minnesota, Souv De H. Henkel. (Bronze Foliage.) 3-in., \$3.00 per 100. 2-in., \$2.00 per 100.

BEGONIAS

Gracilis Rosea, Erfordi and Vernon type in splendid shape. 2-in., \$2.00 per 100. 3-in., \$3.00 per 100.

CUPHEA, COLEUS, AGERATUM, LANTANA, LEMON VERBENA, SWAINSONA, PARLOR IVY, HARDY CHRYSANTHEMUMS. 2-in., \$2.00 per 100. 3-in., \$3.00 per 100.

DAHLIA BULBS. Order now for Spring Delivery. WHOLE FIELD CLUMPS. \$5.00 per 100 to \$1.00 each.

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WHITE MARSH,
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JAP. LILIES

F. RYNVELD & SONS

61 Vesey Street - - New York

Horseshoe Brand Bamboo Canes

For staking lilies and other flowers. Ready for immediate shipment from our warehouse, Bound Brook, N. J.

5/6 feet, Natural.....	\$8.00 per bale	1000
5/6 " " ".....	15.00 " "	2000
8 " " ".....	13.00 " "	1000
5 " Green.....	10.00 " "	1000
5 " " ".....	18.00 " "	2000

RALPH M. WARD & CO., The Lily House, 71 Murray St., New York, N. Y.



FOR IMMEDIATE DELIVERY LILIUM GIGANTEUM LILY OF THE VALLEY

of new crop. 7-9 in. \$55 per 1,000
In cases of 300 bulbs.

from New York Cold Storage \$40 per 1,000
In cases of 2,000 and 4000 pips.

CHAS. SCHWAKE & CO., - - -

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NEW YORK

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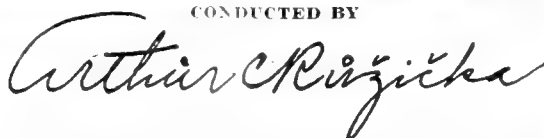
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ROSE GROWING UNDER GLASS

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Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Ruzicka. Such communications should invariably be addressed to the office of HORTICULTURE.

Propagation

Because of the fuel shortage many growers have not started their propagating as yet. Now, however, with spring only a little more than a month away it will be necessary to begin propagating in earnest and be sure to figure on raising all necessary stock as there may not be very many plants in the market this coming season and it will be a waste of time and money trying to run over a lot of sickly runts that never were plants. No amount of drying off, resting or careful growing will make thoroughbreds of these. Start in with the propagator now. Begin by giving the whole house, benches, walks, etc., a thorough cleaning and fumigating. Scatter plenty of fresh air-slacked or hydrated lime under the benches. Put drains in all wet spots. Then white-wash everything possible with good hot lime to which some copper sulphate has been added. After this has dried well get in some clean fresh sand, water this down and start the heat, after which the sand must be packed—first with a brick and then a flat wooden tamper made especially for the work. Do not pound hard in one place but put tamper evenly all over the bench gently, yet firmly, striking hard enough to pack, but yet not jar the rest of the sand in the bench. Place thermometers in various sections and aim to have the whole house in working order before any wood is cut for cuttings.

Selection of Wood

This should be only entrusted to the best growers on the place, as the success or failure of propagating largely depends on the wood. Use wood only with nice live thorns, with healthy leaves free from mildew or spider and select the short blindgrowths that are here and there on the plants and which make nice heel cuttings. There is no wood that will beat these as there are bound to be plenty of bottom breaks from the eyes on the heel of the cutting as soon as the plant starts growing. Use a real good sharp knife that will make a smooth cut and will not bruise the bark in any way; as bruised cuttings will not root. As soon as a bunch of wood is cut, dip it into cold water for a minute, after which it had better be kept out of water but must be well sprinkled so that none of it will wilt. It can then be cut into cuttings and these dropped into a bucket of water, from which they should be taken and put into the sand at once before they have a chance to become water soaked. Use a putty knife to open a groove into the sand, then lay a strip of suitable wood right up to the cuttings, follow a few taps with a brick and a hundred of them are in. Do not pound too hard as the vibration would loosen others already in sand. Also provide mufflers for all doors that bang badly and vibrate the benches, and select a house that is not used for a passage way if possible so that there will not be a wind blowing through as the doors are opened and shut by men passing in and out. It is well to put up either cheese cloth or muslin curtains between the bench and the walks to break the air current, and it may be necessary to put cheesecloth over the ventilators although this may keep the house too warm.

Temperatures

The temperature in the sand or in other words, bottom heat, will have to be kept right up to 66 day and night, being very careful not to let it get above this as it would likely wilt the ends of the cuttings so they would never root. Care must be taken also not to let the temperature go any lower as this would chill the cuttings and set them back considerably. Maintain a steady temperature of 50 to 52 overhead. To do this will require careful attention to the ventilators. It will not hurt if the temperature overhead does go below 50 the first few days, as it will only help to drive the sap down, and this will make roots. Be careful, however, to have the bottom heat up to the mark at all times.

Watering and Syringing

Newly inserted cuttings will take water once a day with one or two sprinklings over the foliage on clear days. During severe weather it may be necessary to water twice—early in the morning and then right after lunch, but always being careful to have the foliage all dry about sunset, or you will be inviting trouble in the form of spot. Spraying with copper sulphate will help prevent this but is not a cure, and because the plants are sprayed is no reason why they should be neglected, for the spraying does not by any means make them spot proof. So keep their leaves dry at night.

All wood taken for cuttings should be free from disease and insects so that it will not be necessary to syringe. In fact, syringing cuttings should never be attempted as it only would loosen them in the sand and do very little if any good and possibly a lot of harm. Syringe plants that are to supply propagating wood quite often to keep them clean and healthy but let it stop there and never attempt to syringe until after the cuttings are rooted, potted and fairly established.

Shading

Needless to say it will be necessary to shade the propagating house to keep the sunlight out. Do not paint the glass with lime, as this will harm the paint and putty. A much better way is to mix a little white lead, a drop of green paint with kerosene and a little drier, thus making a very thin wash that can be easily applied and will not damage the paint in any way and it will last as long as the house is used, afterward being easily removed with caustic soda sprayed on during some heavy rain. Where a rose propagator is built especially, it should be in a shaded location either as a lean-to to some greenhouse or else on the north side of some large house, building the little greenhouse independently, even as to boilers, for you want a steady heat, which should be hot water if possible, all the time, and that is not necessary with other growing houses. Hot water heat is recommended as it will not fluctuate as much as steam will in a small boiler. The same reason applies to having the house built where the sun's rays never hit it. A steady temperature with plenty of draughtless fresh air is essential and must be had to insure successful propagation of roses.

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The New York "International"

Very reassuring indeed is the news which comes from New York of the intensified interest and optimistic sentiment concerning the outlook for a success as usual in the International Flower Show next month. The postponement of the National Flower Show planned for this spring at St. Louis was well-advised and most commendable but this annual New York affair is quite a different matter and any letdown or break in the series would, we believe, unfavorably affect the future prosperity of these enterprises. As there is no lack of fine local material to fill the exhibition hall to its limit the question of transportation irregularities and delays need cause no concern. There can be "no such word as fail" when the staunch workers put their shoulders to the wheel as they do in New York.

Unwise war gardening

Now comes the aftermath of some of the foolish things that were done all over the country last year in the war garden paroxysm. A report by the chairman of the park and recreation board states that

it will cost \$40,000, and two years' time, to restore the "War for Peace" lines, ploughed up last year for war gardens. He recommends that the "agricultural character of the plots" be discontinued and land elsewhere used for its sensible advice. With the vast stretches of bare land seen on all sides as one travels so truthfully through the suburban districts the "wasteful extravagance" of last season in the plowing up of fine lawns and flower gardens for the "War for Peace" and carriages is impressively apparent. This year there should be, and probably will be more general "war gardening" by the public but let us hope that it will be done with better judgment.

The barberries in danger

The House, on motion of Representative Young of North Dakota, has included in the agricultural bill an appropriation for "the eradication of the barberry bush," said to be distributor of the black rust which in 1916 destroyed 180,000,000 bushels of wheat in the Dakotas and Minnesota alone. It is expressly stated that "Nation-wide destruction of the barberry bush" will be planned under the appropriation. The "two-host" character of the black rust has been known for many years. As in the case of the cedar apple and white pine blister rust, the eradication of the pest appears to call for the extinction or isolation of the least valuable of the two host plants and as between the wheat crop and the barberries, if one must be sacrificed, there can be no choice, of course. But it would be nothing short of a distressing calamity if it should prove absolutely necessary to destroy not only the wild barberries, so highly prized for their fruit, but the garden species as well, including the grandest of all hedge plants for the colder sections of the country, *Berberis Thunbergii*. We hope this far-reaching proposition will have most careful consideration and exhaustive study from every standpoint and that no hasty action may be taken, under excitement of the existing food conservation stress, on a measure so drastic and wantonly wasteful.

The seed catalogue takes precedence

Under the title of "Snow and Seed Catalogues," the Philadelphia North American for February 2nd presents a two column editorial which is a most eloquent testimonial to the indispensability of the seedsman's catalogue, which it declares should be "the best-read book in America during the next few weeks." It draws a graphic wood picture of desolate, shell-scarred fields—millions of acres stretching through many lands which heretofore had provided generously for more millions of people—and the terrible reality of a world brought nearer to famine than ever before. It tells of America's duty to substitute such a picture of plentiful production as man has never seen, not alone for now but until the war-wrecked nations have had time and chance to revive their prostrate fields and reestablish their farm and garden forces—perhaps a generation hence. It urges the planning of home gardens for next spring and the doing away with the present waste of unutilized tillable land as a patriotic duty second to none. Is it any wonder that such conditions as pictured supply reasons for the conviction that the seedsman's catalog should be the best read book in America during the next few weeks? The seedsman himself will be put to the test as never before so soon as the snow has vanished, for we are fast becoming "a nation of gardeners" and the seedsman is in the saddle.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

Meeting of the Executive Board

The Executive Board of the Society of American Florists and Ornamental Horticulturists held a meeting at the Jefferson Hotel, St. Louis, Mo., on Monday, January 21, 1918. This meeting took the place of the regular mid-Lent meeting, the change of time being necessitated through the change of Convention dates.

There were present: President Chas. H. Totty, Madison, N. J.; Secretary John Young, New York; Treasurer J. J. Hess, Omaha, Nebr.; Ex-President R. C. Kerr, Houston, Tex.; Washington Representative Wm. F. Gude; Frank X. Stuppy, St. Joseph, Mo.; Joseph A. Manda, West Orange, N. J.; Chas. E. Critchell, Cincinnati, Ohio; Charles Schenck, President New York Florists' Club; Fred Lautenschlager, Chicago Florists' Club; Benjamin Hammond, president American Rose Society. There were also present: Henry Penn, Boston, Chairman Publicity Committee; George Asmus, Chicago, chairman National Flower Show Committee and Publicity Finance Committee; Herman P. Knoble, Cleveland, Ohio; and J. J. Beneke, St. Louis.

In opening the meeting President Totty pointed out that the deliberations of the Board would, in view of general conditions, be more momentous than had ever been the case before. In behalf of the emergency committee appointed to act for the Society in the matter of the coal question, Wm. F. Gude made a long verbal report, dealing with the hearing given in Washington to twenty-two members of the committee, an account of which was published in the trade papers. Mr. Gude made it plain that the Government expected the florists to conserve coal to the extent of at least one-third of their regular consumption, and the Fuel Commission wanted some assurance from the Society, as a representative body, that the florist trade was willing to make the curtailment required of it. Several letters and telegrams from florists were read by the secretary, all expressing a willingness to meet requirements. The discussion of the question was long and earnest, and resulted in the appointment of Messrs. Gude, Young and Schenck as a committee to report a resolution for transmission to the Coal Commission at Washington by wire.

Secretary Young read a letter from Prof. F. L. Mulford, of the Bureau of Plant Industry, requesting the co-operation of the Board in an appeal for Rose varieties for planting in the National Rose Test Garden, and the Board voted to co-operate with the committee in charge of the garden in every possible way. The matter of the need of some regulations governing the registration of new plants and flowers, so that those registered should at least have sufficient importance to make recognition desirable, was referred to the 1918 Convention.

Henry Penn, as chairman of the Publicity Committee, read a report showing the progress of the campaign for publicity for flowers since the joint meeting of the Publicity and Publicity Finance Committees in Cleveland last December, at which meeting \$20,000 was appropriated for immediate needs, and instructions given to the O'Keefe Advertising Agency, Boston, to place the advertising contracts. Mr. Penn exhibited proofs of the advertisements prepared up to date, and other matter which was to be provided for florists in order that they might, through local newspaper advertising, tie up with the campaign, their own advertising having especial reference to the advertisements in the magazines.

Chairman George Asmus of the Publicity Finance Committee reported at some length as to the finances of the publicity campaign, and working plans as regards the obtaining of subscriptions. Finally, on motion, the Board endorsed the work of the Publicity Committee, and its plans for future action; and a further motion accepted the reports presented and directed that they be made part of the records of the meeting.

Secretary Young presented his financial report for the year ending Dec. 31, 1917, and the report of the auditors confirming the correctness of same. Treasurer Hess also presented his financial report. Mr. Gude, for the Committee on Tariff and Legislation, reported that, on January 7, a Bill had been presented in Congress prohibiting the importation of seeds, plants and other commodities, but there was every reason to hope that it would be killed in committee.

From the report of Theodore Wirth, chairman of the Convention Garden Committee, the prospects for a successful garden at the Detroit Convention in 1919 were exceedingly bright. Buildings and grounds had been offered free of charge, and conditions seemed to be ideal. Benjamin Hammond made a very enthusiastic report for the Committee on School Gardens. School garden work, he stated, had increased with almost the suddenness of an earthquake. After an interesting discussion, President Totty, on motion of Mr. Gude, appointed Messrs. Stuppy, Lautenschlager and Hammond, a committee to draw up resolutions in regard to encouraging children everywhere to plant vegetable gardens. The matter of the relations of the Society with Miss Jarvis, originator of Mother's Day, was referred to the St. Louis Convention for action.

The Committee on Credits and Collections Bureau, through R. C. Kerr, reported progress.

The audit committee recommended that all revenue derived from interest be diverted to the general fund, as suggested by the treasurer. The re-

port was accepted and the recommendation ordered carried out.

On Tuesday morning, January 22, after disposing of some routine business, Chairman George Asmus of the National Flower Show Committee presented a resolution adopted by the committee, under which the recommendation was made that the proposed National Flower Show in St. Louis be postponed indefinitely, owing to the general conditions prevailing. The Board accepted the recommendation and a further motion was carried expressing the wish of the Board that the next National Flower Show be held in St. Louis, and that this motion be submitted for the consideration of the National Flower Show Committee at its next meeting. In order, however, that there might be no misunderstanding as to the dates for holding the Convention, the Board, by motion, re-affirmed the holding dates as April 9, 10 and 11, 1918. Messrs. Hess, Gude and Asmus were appointed a committee to visit the Recorder of Moolah Temple and make such arrangement as they might find possible in regard to the balance of the lease entered into by the Society. The preparation of the program for the Convention was, by motion, placed in the hands of the president, secretary and vice-president.

The usual appropriations were made to the officers of the entomologist, pathologist, botanist, school garden committee, committee on tariff and legislation, the sergeant-at-arms at the Convention, for clerical assistance to secretary at the convention, and the allowances to the secretary for superintendence of the trade exhibition and sojourn in St. Louis. The Board realizing that the work of the secretary's office would thenceforth be very great and necessitate the whole time of the secretary, the situation was fully discussed, and Mr. Young was consulted. Finally the secretary was offered a salary of \$3,600 per annum, the same to be irrespective of his income from flower show management and other official appointments. This Mr. Young accepted and it was arranged that the Publicity Promotion Bureau should bear its proportionate share of the salary paid the secretary.

At this point the Board took a recess to visit Moolah Temple.

Later in the afternoon the committee on program reported progress, and many details suggested were discussed, but action was deferred. It was decided that cards of identification would be issued to members, instead of the customary official button.

It appeared to the Board that some change was necessary in regard to the distribution of the volumes of Annual Proceedings, and that, in view of the largely increased postal rates on such material, they should only be sent to those who actually required them. After considerable discussion, it was

approved that the... of the 1917... be... to mem... for them.

The... of the lease of convention quarters, reported that... a release... the lease, and the rental would only be expected for the period of the Convention. A resolution was passed that all liabilities in connection with the Show be shouldered by the Society, and that the American Carnation Society be released from their... of indebtedness provided the profits of the forthcoming convention be sufficient to discharge them, any undischarged balance being carried against the next Show and pro-rated according to the profits.

It was decided to recommend to the Convention that the clause in the by-laws making the president of an affiliated society a member of the Executive Board be altered to allow of a vice-president taking the office in the event of a president being unable to serve. It was also decided to recommend that the chairman of the National Flower Show Committee, the Publicity Committee, and the Finance Publicity Committee be added to the Board.

At the dinner in the evening tendered by the St. Louis Florists' Club, the following final resolutions were passed:

WHEREAS: The Board of Directors of the Society of American Florists, and the members of the National Flower Show Committee have closed a very busy session held during the past two days at the Jefferson Hotel, St. Louis, Missouri, at which matters of great import to the entire florist trade considered and acted upon, it is the sense of these bodies that a suitable expression of their appreciation for courtesies tendered them while here be now made; therefore,

RESOLVED: That the Board of Directors of the S. A. F. & O. H. and its National Flower Committee tender their thanks by unanimous vote to the following: to the St. Louis Florists' Club and to the local St. Louis florists individually; to the Jefferson Hotel management; to the local press and to the florists trade papers; to the St. Louis Wholesale Cut Flower Company and all others who have aided us in our deliberations here and shown us appreciated courtesies; further,

RESOLVED: We desire to tender a special vote of thanks to the President of the St. Louis Florists Club and the various Committees appointed by him to prepare for the contemplated National Flower Show which events have compelled the postponement to their and our mutual regret. We also owe them our thanks for the efficient work they are now doing in preparing for the Annual Convention of the S. A. F. & O. H. to be held in St. Louis, Missouri, on April 9, 10, and 11, 1918, at which a large attendance of our members and florists generally the country over is confidently expected to consider coal conservation, cooperation of all florists, and publicity."

JOHN YOUNG, Secretary,
1170 Broadway.

S. A. F. PUBLICITY CAMPAIGN

The Promotion Bureau of the S. A. F. has experienced a pleasing demand for electrotypes which it has prepared for use by retail florists in their local newspapers, connecting their establishments with the national advertising campaign now in progress. The electros sent out for St. Valentine's Day as nearly as possible accentuated the features of the page advertisement in the Saturday Evening Post of February 9, so that identity would be fully evident, and the direct advertising by the individual productive of results such as aimed for by the use of the national magazine.

Other electrotyped advertisements linking up with the advertising in a selected coterie of national magazines are now available for Easter and Mother's Day, and, for regular use, calling attention to birthday and wedding requirements, and to the home use of flowers and plants. A "broadside" showing reproductions of these electrotyped advertisements, as well as of the magazine advertisements, has been mailed throughout the trade. Anyone not having received this broadside should make request of the secretary for one.

A large number of orders have been received for the transfer signs, "Say It With Flowers," the handsome signs for windows and doors, easily transfixed and permanent. These signs will be forwarded in a few days, the makers having required considerable time for their production.

It will be two weeks before the same signs in glass form and with an easel back can be shipped. Those ordering any of these items should be sure to send the cash price with the order, as the prices are near to the cost mark, and based on remittances with orders.

On account of the enforced holidays, some late orders for electrotypes covering St. Valentine's Day could not be filled to reach destinations in time. Order early your requirements for other special days.

All florists advertising in their local papers are urged to send in marked copies of the newspapers containing the advertisements, as this Bureau is desirous of keeping a record of same.

Chairman Asmus, of the Publicity Finance Committee, reports the following additional subscriptions:

Annually for 3 years: The Jones Russell Co., Cleveland, O., \$100; A. R. King, Winnipeg, Manitoba, \$10; Nussbaumer Floral Co., San Angelo, Tex., \$5; Gust W. Grossart, Belleville, Ill., \$5; J. Sulberger & Co., Oakland, Calif., \$10; Kane Greenhouses, Kane, Pa., \$5; Park Flower Shop, Cleveland, O., \$50; W. J. Baker, Philadelphia, Pa., \$10; Eldridge Florist, Danville, Va., \$5; T. S. Metcalf, Hopkinsville, Ky., \$8; Paul M. Holbrook, Newark, O., \$10; The Stiles Co., Oklahoma City, Okla., \$25; A. F. T. Lawritzen, Eau Claire, Wis., \$5; Tong & Weeks Floral Co., Ashtabula, O., \$10; The Windmill Co., Mankato, Minn., \$5; Plattville Floral Co., Plattville, Wis., \$3; Theo. D. Frank, Buffalo, N. Y., \$3.50; Hans S. Jensen, Mitchell, S. D., \$5; Dole Floral Co., Beatrice, Neb., \$25; Wm. Lehr, Brooklyn, Md., \$10; Smedley Floral Co., Fargo, N. D., \$5; Mrs. Sam Brown, Tyler, Tex., \$10; Cole Bros., Peoria, Ill., \$25; Pierson Floral Co., Peoria, Ill., \$10; E. A. Walraven, Peoria, Ill., \$10; L. J. Becker, Peoria, Ill., \$15; Henry Baer, Peoria, Ill., \$15; V. Bezalk, Grass Point, Ill., \$10; Lombard Floral Co., Lombard, Ill., \$30; P. M. Read, Sec'y Pot Mfrs. Credit Ass'n., \$100; C. C. Pollworth Co., Milwaukee, Wis., \$100; Henry Smith, Grand Rapids, Mich., \$25; Andrew Bristol, Bristol, Conn., \$10; W. B. Terry, Bristol, Conn., \$5.

For one year—Chopin Bros., Lincoln, Neb., \$25; John H. Sykes, Allentown, Pa., \$5.
Total, \$709.50. Previously reported from all sources, \$29,283.50. Grand total, \$29,993.00.

To All Who Publish Catalogues.

I am directed by President Totty to call a meeting of all in the trade who publish catalogues, to be held at the new offices of the Society, 902-903 Johnson Building, 1170 Broadway, New York, on Thursday, February 21, next, at 2 p. m.

The object of the meeting is to be the consideration in view of the adverse conditions now generally experienced in the trade, of the question whether or not a uniform clause should be embodied in all sales contracts, to the effect that all shipments of stock in transit travel at purchasers' risk.

Any catalogue publisher who cannot be present, either in person or by representative, is invited to present his or their views, in writing, through the secretary.

All who intend to be present, or represented, will please at once notify the secretary of such intention.

JOHN YOUNG, Secy.,

CALIFORNIA GROWN BOXWOOD.



Another Holland production now being grown by hundreds of thousands at Eureka

Obituary

The Late C. E. Faxon.

The death of Charles Edward Faxon, which was briefly announced in our previous issue is an irreparable loss to the Arnold Arboretum and Professor Sargent. Among the artists who have made botanical drawings in the last four centuries few have equaled Mr. Faxon in taste, skill and knowledge, and the works which he illustrated owe their chief value to his pencil.

Mr. Faxon began early to draw plants and showed so much ability in this work that he was asked to make some of the colored plates for Eaton's "Ferns of North America," published in 1879-1880. For the first volume of this classical book he made six drawings and for the second volume thirty-three drawings. When the Smithsonian Institution began the preparation of the work on trees which was afterwards known as "Sargent's Silva of North America," Mr. Faxon was selected to prepare the illustrations. For this work he made 749 drawings accompanied by carefully-prepared analyses of the flowers and fruits. He made 642 drawings for Sargent's "Manual of the Trees of North America" and the drawings for the 100 plates of trees and shrubs; and several hundred drawings which were reproduced on the pages of Garden and Forest, including those afterward republished in "The Forest Flora of Japan." His drawings of many Central American plants were published from time to time in The Botanical Gazette.

The final volume of "The Silva" was dedicated to Charles Edward Faxon "In grateful appreciation of the skill and learning which for twenty years he has devoted with untiring zeal to 'The Silva of North America,'" by the friend who, for forty years, had been his almost daily associate.

Modest and retiring he impressed himself publicly only through his pencil, and only those persons who could appreciate the value of its work, or who came into daily contact with him, realized that one of the remarkable and distinguished men of the country was living in Boston practically unknown to the general public.

John O. Graham.

John O. Graham, one of the well known florists of the Mohawk valley, died at his home in Little Falls, N. Y., Feb. 2, after an illness of several weeks. He sustained a stroke of paralysis. Mr. Graham was born in Scotland in 1861. He began life as gardener in Scotland and came to this country 38 years ago, engaged all the time as a florist. He was located first in New York city and later in Binghamton. In 1897 he came to Little Falls and purchased the business of Peter Crowe. He was united in marriage to Jennie Pauk at Unadilla in 1886, and she with three children survive. He was a member of the Society of American Florists and the Albany Florists' club.

John G. Gardner.

John G. Gardner, aged 29 years, gardener on the F. H. Allen estate, Pelham Manor, N. Y., died in hospital at Yonkers on February 2. His father,

GLADIOLI

	1st Size 1000	2d Size 1000
America	\$20.00	\$15.00
Ida Van	50.00	40.00
Independence	16.00	12.00
Mrs. Francis King	18.00	14.00
Mrs. Frank Pendleton	50.00	35.00
Navajo	60.00	40.00
Exhibition Mixed	20.00	15.00
Garden Mixed	16.00	12.00

CANNAS

	Home Grown Fresh Cut Doz. 100
Beacon	\$0.75 \$6.00
Hungaria .....	.60 5.00
Kate F. Deemer .....	.50 3.00
Meteor .....	.60 5.00
Olympic .....	.75 6.00
Richard Wallace .....	.60 5.00
Wintzer's Colossal .....	.60 5.00

Well graded, clean, healthy stock

BRECK-ROBINSON NURSERY COMPANY
LEXINGTON, MASSACHUSETTS

Richard Gardner, is a well-known gardener of Newport, R. I. He leaves a widow and two-year-old boy.

Mrs. William Bayersdorfer.

Mrs. Wm. Bayersdorfer, mother of Harry and I. M. Bayersdorfer, died on February 1 at her home in Philadelphia. Seven children survive her.

Karl Voigt.

Karl Voigt, successfully engaged in the retail florist business in Newark, N. J., for over sixty years, died on January 27, aged 79 years.

NEW YORK FLORISTS' CLUB

The New York Florists' Club had one of the best meetings on record on Monday evening, February 11 and the administration of President Schenck has certainly started out most auspiciously. An unprecedented number of new members was added to the list and twelve more were nominated. On the exhibition tables were exhibits of rose Bedford Belle from Bedford Flower Co., Bedford Hills; rose Mme. Colette Martinet from A. N. Pierson Inc., Cromwell, Conn., and a vase of iris from P. W. Popp.

Favorable progressive reports were made by committees on new meeting hall, soldiers' entertainment, annual banquet, essays and transportation to the St. Louis Convention. An enthusiastic communication was received from Major O'Keefe on the publicity campaign and the great value of co-operative action, with suggestions as to possibilities in local city advertising for florists of New York. A letter from the gardeners of Brooklyn parks stated that they had been restored to the competitive class of employees. President Schenck spoke interestingly of his trip to St. Louis with the S. A. F. Executive Board, Charles H. Totty made patriotic remarks on fuel saving, etc., and Joseph Manda gave an entertaining account of his trip to the South, where his son is in camp. Secretary Young announced the removal of his office to 1170 Broadway and stated that the tea garden would be eliminated from the International Exhibition this year, but that other and better attractions were planned by the Red Cross people. A. Herrington also made hopeful remarks on the show prospects. W. R. Pierson addressed the Club on behalf of the American Rose Society, which will stage its annual exhibition with the International Show. The proposed increase of the secretary's salary to \$500 was favorably acted upon. William C.

Freeman of the Advertising News gave an interesting talk on "Publicity."

BUFFALO FLORIST CLUB.

The monthly meeting of the Buffalo Florist Club was held on Tuesday evening, Feb. 5.

President Henry H. Elbers had repeatedly declined all efforts to persuade him to serve the Club another year, and upon this occasion said positively that he would be unable to put the time and effort into the work that he felt it deserved. Accordingly, other nominations were made for president, vice-president, secretary, financial secretary and treasurer, which will be put to ballot at the annual banquet to be held in place of the next monthly meeting. A goodly number of members arranged to go as a delegation to the annual Farmer's Week at Cornell University at Ithaca, N. Y.

Mr. Wells, followed by Emil Brucker then put into words the appreciation which the whole Club felt for the splendid year of progress which was now ending with the resignation of President Elbers. The entire Club rose in a unanimous vote of thanks for his enthusiastic and inspiring devotion to the interests of the Club. Under his administration the organization has been elevated from a mere social "get-together" into a real educative and practical association for the advancement of the interests of the florists' business. Every meeting has been the occasion of an instructive and enjoyable address either by a member of the Club or by an out-of-town speaker. That the members have appreciated this is shown by the greatly increased attendance during the past year over preceding years.

President Elbers heartily thanked the members for their support. "Let us remember, Friends" said he in conclusion, "That wherever we go and whoever we meet, we have in our hands the building of the reputation that shall characterize the florists' business and by which florists as men shall be known. If our habits are temperate and our conduct is what it should be, then we will be doing our bit to lift the florists' profession to the place which it deserves to be held in the esteem of the business world. Let us remember that moderation and self control is the only means to win the respect of others and retain our own self respect. Let me again thank you for your cordial support and earnestly request that you will favor the incoming president with the same friendly co-operation that you have extended to me."

FOOD WILL WIN THE WAR—PRODUCE IT!

... remarks of
... in Horti-
... about the
... the War
Production.

I always like criticism of myself, or
... it is con-
structive, and if it is not constructive
it usually proves amusing. I must ad-
mit that I do not like Mr. Watson's
suggestion at all! In the place of the
... which we are now
... in connection with many other
... and the suggestion also
... the Bureau of Increased Food
Production Mr. Watson offers the fol-
lowing: "Seeds will win the war.
Sow them." "Seeds rule the world.
Don't waste them." I say Seeds will
not win the war! And Seeds do not
rule the world!

Mr. Watson goes further and says
that his slogans "would meet with
the approval of the powers that be and
encourage cordial feelings towards
our business instead of suggesting
criticism of jealous and patriotic of-
ficials." When I wrote you first I
think I stated that I considered the
slogan "Food Will Win The War"
rather bold. I never would have con-
sidered the use of such a broad state-
ment as this had not the United States
Government first placed upon it its

stamp of approval. Of course food
alone will not win the war, but with-
out food it would be impossible to win
the war. And the United States Gov-
ernment has said that Food Will Win
the War. Therefore, it is the patriotic
duty of all seedsmen to impress upon
their clientele so far as possible the
fact that the United States Govern-
ment considers that Food Will Win
the War and that it is their individual
duty so far as possible to increase the
Production of Food.

It is not Seeds of which we are
talking; if we talk about seeds then
the public at large immediately thinks
that our motives are selfish, that we
want to sell seeds. Of course we want
to sell seeds but the distribution of
seeds becomes patriotic only when it
enhances the production of food.
Sowing seed is merely incidental to
the Production of Food; it is the
means by which we obtain the result,
and it is the result which we must go
after! Therefore, again I say that I
personally do not like Mr. Watson's
suggestions.

Upon further thought, however, it
seems to me Mr. Watson must have
had in mind the great shortage of
vegetable seeds throughout the world
and perhaps his idea was somewhat
to impress upon the general public
this scarcity and to encourage them
to make the best possible use of what-
ever seed they buy. We have had that

point in mind and I think already we
have done everything possible to en-
courage our customers to buy only
what seed they will need. In that
connection we are mailing to more
than a half million customers a print-
ed notice which reads as follows:

FOOD WILL WIN THE WAR PRODUCE IT!

Without seed it would be impossible to
produce food and seed is scarce!

The demand for vegetable seed last year
more than doubled, and almost at the same
time the supply of seed from Europe was
cut off. We have done everything possible
to grow more seed in America, but in spite
of our best effort there is hardly enough
vegetable seed to meet every demand. The
supply of seed throughout the whole world
is extremely short!

We advise that you order your seed im-
mediately. And we ask that you be careful
with the seed you buy—make every seed
count!

SEED WILL PRODUCE FOOD DON'T WASTE IT!

I am writing this not as a defense of
the slogan we have offered, but be-
cause the slogan "Food Will Win the
War—Produce It!" has already been
accepted very generally and because I
think that any deviation from its
singleness of purpose would weaken
our cause.

Samuel B. Jones

THE FUTURE OF HORTICULTURE IN AMERICA

W. A. Manda, of South Orange, N. J., had a very incident day and con-
sequent small audience for his lecture
on America's horticultural future at
Horticulture Hall, Boston, last Satur-
day. This was very regrettable for the
paper and subsequent discussion
was thoughtful and inspiring and
merited a crowded hall. There is no
man in this country more enthusiastic
or better qualified by experience and
intelligent observation to talk on this
subject than W. A. Manda.

The lecturer traced the development
of gardening art and horticultural
sentiment in America from the time of
the pioneer settlers down to the pres-
ent and based his conception of the
future possibilities upon what past his-
tory had shown and demonstrated that
all we need to attain superiority over
all the world in the home production
of all plants, seeds and bulbs, is time,
diligent labor and capital, every other
requirement being found in one sec-
tion or another of this country. He
said we are already beginning to ex-
port horticultural products and the
time is not far distant when this ex-
port industry will assume enormous
proportions. New Jersey alone can
grow all the classes of bulbs we are

now importing from Holland. The
soil is there and ready.

Mr. Manda mentioned among plants
that can be greatly improved by hy-
bridization and selection, our native
azaleas, rhododendrons, andromedas,
persimmons, pawpaws, cranberries,
Cornus florida, Rubus odoratus, mag-
nolias, chinquapins and other nuts,
Clematis paniculata, Chrysanthemum
frutescens, hardy carnations, irises,
silenes, pentstemons, asters, sun
flowers, etc.

"Horticulture," he said, "is a profes-
sion and not a trade, branching into
science on one hand and art on the
other. It is a calling of which any man
may be proud, either as gardener, flor-
ist, vegetable or fruit grower, for it fur-
nishes him an honorable, interesting
and healthy occupation, bringing forth
something new and different every
day, according to the season of the
year, making it seem more like play
and recreation than work. Statistics
show that horticulturists have the
best chance of a long life, exceeded
only by clergymen.

"It has been said that the compara-
tively high wages in this country pre-
vents the successful growing of plants
for competition in the markets of the

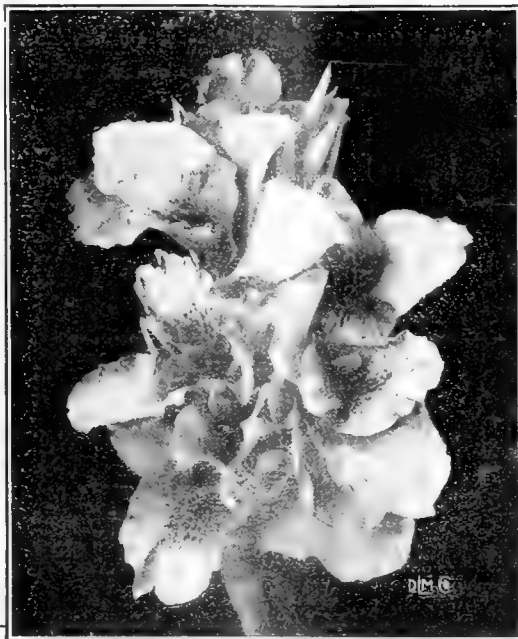
world. This is largely the case, but
nature helps us in that respect also.
We have a more favorable climate so
that a plant makes as much growth
in one season as it will make in two
seasons in Europe. The methods
adapted for our culture are by far the
simpler and best, also the use of im-
proved implements and machinery, so
that this item alone will even up the
difference of the extra cost of labor.
But above all we have extensive and
cheap lands with intellect and indus-
try to compete successfully against
crowded and used-up lands and cheap
labor of foreign countries.

"Never before has horticulture stood
so prominently in the public eye as
during the strenuous time at present
when every garden, large or small, is
contributing to the final success of this
struggle. So let everyone do his
share, cultivate not only more ground,
but cultivate it intensively so as to
get double results.

"The flower garden is as necessary
as fruits, vegetables or grain, for we
do not 'live on bread alone.' Do not
allow plants or flowers to be neglected
and lost to culture which have taken
generations to bring to their present
state of perfection. Do not let green-

CANNAS

Strong Roots Two and More Eyes
Packed 250 in case



Canna, King Humbert

RED FLOWERS, GREEN LEAVES

	Doz.	100	1000
A Bouvier	\$0.45	\$2.75	\$24.00
Beaute Poitevine .....	.45	2.75	24.00
Black Prince .....	.45	2.75	24.00
Chas. Henderson .....	.45	2.75	24.00
Crimson Bedder .....	.45	2.75	24.00
Express .....	.60	4.00	35.00
Firebird	1.25	7.00	60.00
J. D. Eisele .....	.45	2.75	24.00
Louisiana .....	.45	2.75	24.00
Meteor .....	.50	3.50	30.00
Musafolia .....	.45	2.75	24.00
Pennsylvania .....	.45	2.75	24.00
Pillar of Fire .....	.45	2.75	25.00
Pres. Cleveland .....	.45	2.75	24.00
Pres. Meyer .....	.45	2.75	24.00
Pres. McKinley .....	.50	3.50	30.00
Tarrytown .....	.45	2.75	24.00
Wintzer's Colossal .....	.50	3.00	25.00

PINK-FLOWERING CANNAS

Hungaria	\$0.60	\$4.00	\$35.00
Louise .....	.45	2.75	25.00
Mlle. Berat .....	.50	3.50	30.00
Mrs. A. Conard	1.00	6.00	50.00
Rosea Gigantea	1.00	7.00	60.00
Shenandoah .....	.45	2.75	25.00
Venus .....	.45	2.75	24.00

ORANGE SHADES

Indiana	\$0.45	\$2.75	\$24.00
K. S. Deemer .....	.50	3.50	30.00
Mrs. Kate Gray .....	.45	2.75	24.00
Wyoming .....	.45	2.75	24.00

BRONZE LEAF, RED FLOWER

	Doz.	100	1000
Brandywine	\$0.45	\$2.75	\$24.00
Conowingo .....	.45	2.75	24.00
David Harum .....	.45	2.75	24.00
Dr. Ackernecht .....	.45	2.75	24.00
Dr. Budingen .....	.45	2.75	24.00
Egandale .....	.50	3.50	30.00
King Humbert .....	.70	4.00	35.00
Robusta .....	.45	2.75	25.00

Wintzer's Colossal

sal .....	.50	3.00	25.00
YELLOW-EDGED AND GOLD EDGED			
Duke of York	\$0.45	\$2.75	\$24.00
Gen. Merkel .....	.45	2.75	24.00
Gladiaflora .....	.45	2.75	24.00
Italia .....	.45	2.75	24.00
Jean Tissot .....	.45	2.75	24.00
Madam Crozy .....	.45	2.75	25.00
Panama .....	.75	5.00	45.00
Queen Charlotte .....	.50	3.50	30.00

WHITE AND CREAM SHADES

Alsace	\$0.45	\$2.75	\$24.00
Minnehaha .....	.75	5.00	45.00
Mont Blanc Improved .....	.75	5.00	45.00

YELLOW AND YELLOW-SPOTTED

Austria	\$0.45	\$2.75	\$24.00
Florence Vaughan .....	.45	2.75	24.00
Gladiaflora .....	.45	2.75	24.00
Gustav Gumper .....	.45	2.75	24.00
Queen Helen	1.00	8.00	75.00
Richard Wallace .....	.45	2.75	24.00
Yellow King Humbert	1.00	8.00	75.00

5% DISCOUNT FOR CASH WITH THE ORDER.

Arthur T. Boddington Co., Inc., Seedsmen, 128 Chambers Street NEW YORK CITY

houses freeze up because coal is scarce, but double your energy and use the wood which is within reach of everyone. Cultivate all waste land and cultivate it well; if it is not suitable for horticultural crops, plant it with trees, either fruit or timber.

"To bring horticulture to the pinnacle of the glory it deserves, we must imbue in the little children the love for the beauty of nature. School grounds should be planted and kept

like so many miniature botanical gardens. The study of the vegetable kingdom should be taken up from the first grade through the colleges, for next to the study of Christianity it does more for the real civilization of mankind than any other science. Interest your young men and women so that they choose horticulture in its broad sense or some of its various branches for their occupation, so that they will bring forth from Mother Earth the inexhaustible store of vegetation and wealth exceeding the combined value of all manufactured products.

"See that the community you live in has a public garden or park, if only of limited extent. Subscribe to and read all the horticultural papers you can. Become a member of garden clubs or horticultural societies. Stimulate and support horticultural exhibitions, support it, and become an exhibitor, and above all, get acquainted with your plants so that you understand their talk for they have their mute way of showing their feeling, and will recompense you for every special effort you make. Do your best to assist Nature and Mother Earth who is so good to her children, for she not only feeds our body but our soul with God's highest blessings, plants and flowers."

A WISE IMPORTING PROVISION.

The following agreement, under the terms of which one large importer did all his business with Holland exporters during the past season, is respectfully presented as a safe and sane example for other importers to follow:

Agreement between consignor and consignee with reference to shipments for the fall of 1917 and the spring of 1918:

It is agreed that the prices quoted on

the order slips will be prices f.o.b. Holland, packing at cost in addition to the above prices. Duty and freight will be paid by (consignee) but it is understood that the shipper will insure the shipment for his own account and that (consignee) is absolutely guaranteed against any loss or damage to the stock due to delay in transit, heating, or any other reason.

In other words, the shipper guarantees that the stock ordered will reach the consignee in first-class condition.

It is in view of this agreement between the consignor and the consignee that these orders are placed.

THE National Nurseryman

The oldest and best established journal for nurserymen. Circulation among the trade only. Published monthly. Subscription price, \$1.50 per year. Foreign subscriptions, \$2.00 per year. In advance. Sample copy free upon application from those in the trade enclosing their business card.

National Nurseryman Pub. Co., Inc. HATBORO, PA.

FERNS from 2 1-4 inch Pots
BOSTONS—\$5 per 100, \$40 per 1000.
WHITMANII IMPROVED—\$5 per 100, \$40 per 1000.
WHITMANII COMPACTA—\$5 per 100, \$40 per 1000.
ROOSEVELTS—\$5 per 100, \$40 per 1000.
TEDDY, J.R.—\$5 per 100, \$45 per 1000.
250 at thousand rates.

H. H. BARROWS & SON, Whitman, Mass.

A Gladiolus Everyone Ought to Grow
MRS. F. PENDLETON

\$8.00 per 100, \$75.00 per 1000

JOHN LEWIS CHILDS, Inc.

Flowerfield, L. I., N. Y.

ADDISONIA

A quarterly journal containing beautiful colored illustrations and popular descriptions of plants.

Published by the New York Botanical Garden, Bronx Park.

Supported by the income of a bequest by the late Judge Addison Brown, aided by subscriptions.

The second volume has recently been completed; the third volume will be issued during 1918; each volume contains 40 full-page colored illustrations.

Additional subscriptions, for the whole work only, are invited at \$30, being \$10 per volume. Sample parts will be mailed on request.

NEW YORK BOTANICAL GARDEN
Bronx Park New York City

SMITH'S REVISED CHRYSANTHEMUM MANUAL

(Third Edition)

The best work on Chrysanthemum Culture. Both amateur and florists have been provided with articles for their special needs.

One Hundred and Six Pages. Only 50c. Postpaid.

ELMER D. SMITH & CO., Adrian, Mich

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, I. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. O. Scarlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

THE CANNERS' CONVENTION.

W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.
W. W. Barnard Co., Chicago, Ill.

The eleventh annual convention of the National Canners Association opened in Boston on Monday, February 11, in conjunction with the National Canning Machinery and Supplies Association, and the National Canned Foods and Dried Fruit Brokers Association, in the Copley-Plaza, the Hotel Brunswick and Mechanics Hall. Following a session of the executive committees a general meeting opened the convention in the ball room of the Copley-Plaza Tuesday afternoon, with an attendance that filled the big hall to the limit. It was estimated that from two to three thousand people were in attendance. It is the first time the convention has met in New England.

President Henry I. Harriman of the Boston Chamber of Commerce presided at the opening session and welcomed the visitors in behalf of the business community of Boston. Gov. McCall voiced the greetings of the commonwealth, emphasizing the fact that Massachusetts consumes very largely the products of other states, not being distinctly an agricultural state. Mayor Peters welcomed the visitors in the name of the city. He told the canners that much depends on them in the war, and urged them to remember Boston's advantages for foreign trade after the war.

The principal address was made at the evening session by Chief Justice J. H. Covington of the Supreme Court of the District of Columbia, a member of the Railroad Rates Board, who made a thrilling appeal for co-operation with the Federal Government in supplying food for the Allied troops in Europe.

Tuesday, Wednesday and Thursday were given over to the work of the association sections, the tomatoes, baked beans, home economics and sirup sections meeting on Tuesday; the pea, sardine and milk sections on Wednesday, and the corn, fruit and krait sections on Thursday. The final meeting was held Friday morning.

Separate meetings were held by the National Brokers' Association and the Machinery Association and The Home Economics Section, comprising the women at the convention. The vast exhibition halls of the Mechanics Building were filled with displays of machinery, implements and supplies, seeds, etc., etc., in wonderful variety, no one being admitted except those wearing badges. Among the seed houses having booths were the follow-



Send for our Wholesale
Florist Catalogue Now
Ready.

Florists' Seeds for Early Sowing

STOKES: Early Giants of Nice (Originators Strain).
Trade Pkt. 60 cts.; Ounce \$1.00.
SALVIA SPLENDENS: Trade Pkt. 25 cts.; Ounce \$1.50.
ZURICH: Trade Pkt. 75 cts.; Ounce \$1.00.
ROSEBRIE: Trade Pkt. 25 cts.; Ounce \$2.50.
PETUNIA: California Ruffled Giants. Trade Pkt. \$1.00.
PETUNIA: Grand Perfection Hybrids Double 500 seeds
75 cts.
VERBENA: Mammoth Strain all colors. Trade Pkt.
30 cts.; Ounce \$1.50.

SEEDS

GLADIOLI BEGONIAS CANNA TUBEROSES

FOTTLER, FISKE, RAWSON CO.

The Seed Store 12 and 13 Faneuil Hall Sq., Boston

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes
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CARTERS TESTED SEEDS, Inc., 166 Chamber of
Commerce Bldg., Boston, Mass.

J. BOLGIANO & SON

Careful Seed Growers and Seed Distribu-
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WRITE FOR OUR 1918 SPECIAL CATALOGUE

To Market Gardeners and Florists
Gratt and Light Sts., BALTIMORE, MD.

ing: John H. Allen Seed Co., Sheboygan, Wis.; W. W. Barnard Co., Chicago; E. B. Clark Seed Co., Milford, Conn.; Hogg & Lytle, Toronto, Can.; N. B. Keeney & Son, LeRoy, N. Y.; D. Landreth Seed Co., Bristol, Pa.; Leonard Seed Co., Chicago; Jerome B. Rice Seed Co., Cambridge, N. Y.; Rogers Bros., Alpena, Mich.; F. H. Woodruff & Sons, Milford, Conn.; S. D. Woodruff & Sons, Orange, Conn.

Owing to the unusual conditions resulting from the war situation, the principal officers of the National Canners were re-elected. They were: President, Henry Burden, Cazenovia, N. Y.; vice-president, Frank Gerber, Fremont, Mich.; secretary-treasurer, Frank E. Gorrell, Washington, D. C.

Notes.

Sales of seed corn at \$20.00 a bushel and string beans at \$18.00 a bushel were made by dealers to canners at the Canners' Convention in Boston. There was a very heavy demand for sweet corn and pea seed.

We were much interested in the exhibit of "Green Admiral" peas by Rogers Bros. of Alpena, Mich., at the Boston exhibition showing the old typical Admiral and the improved uniformly green product after twenty years' selection. The original objectionable yellow color has been entirely obliterated in the improved type.

A. H. Smith, Regional Director of Eastern Railroads, under date of January 30, 1918, issued a memorandum to presidents of railroads in Official Classification Territory exempting certain important commodities from embargoes then in force. The list of the commodities exempted includes, among others, field and garden seeds, seed potatoes, nursery stock, insecticides and spraying materials, agricultural implements required for spring plant-

LILIUM GIGANTEUM

7/9 (300 per case)..... \$55.00 per thousand
8/10 (225 per case)..... 80.00 " "
9/10 (200 per case)..... 100.00 " "

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ing, fertilizers, and feed for animal or poultry consumption.

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Philadelphia — Dr. John H. Washburn, Doylestown, Pa.; John A. Cook, Beverly, N. J.; C. E. Scarborough, Gude Bros. Co., Washington, D. C.; J. B. Deamud, Vaughan's Seed Store, New York; Alphonse Pericat, Collingdale, Pa.; H. C. Neubrand, The Burr Nurseries, Manchester, Conn.

Boston—J. J. Lane, Garden Magazine, Garden City, N. Y.; W. A. Manda, South Orange, N. J.; C. P. Gueff and H. M. Hedges, rep. Jerome B. Rice Seed Co., Cambridge, N. Y.; John C. Leonard, rep. Leonard Seed Co., Chicago, Ill.; Fred Lembke, rep. W. W. Barnard Co., Chicago, Ill.; F. H. Woodruff and W. H. Woodruff, Milford, Conn.; Fred'k M. Clark and Arthur B. Clark, rep. E. B. Clark Seed Co., Milford, Conn.; A. L. Rogers and K. D. Rose, rep. Rogers Bros., Alpena, Mich., and Idaho Falls, Ida.; S. F. Willard, Wethersfield, Conn.; S. Philip Landreth, John A. Hicks and W. C. Diesolf, rep. D. Landreth Seed Co., Bristol, Conn.; Watson Woodruff, assisted by Mr. Merwin and Mr. Hayward, rep. S. D. Woodruff & Sons, Orange, Conn.; Morrison B. Robinson and R. J. Bowen, rep. J. Bolgiano & Son, Baltimore, Md.

Cromwell, Conn.—I. Pedersen, who has charge of the automobile trucks at Cromwell Gardens, recently built a house on West street, opposite the greenhouses, and this house was totally destroyed by fire a little over a week ago. The loss was about \$4,000 but the insurance will undoubtedly take care of that.

ORDER SEEDS EARLY!

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R. & J. FARQUHAR & CO.
6 So. Market St.
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Asparagus Plumosus Nanus

Northern Greenhouse Grown Seed
100 Seed, \$.50 | 5,000 Seed, \$15.50
1,000 Seed, 3.50 | 10,000 Seed, 30.00
25,000 Seeds, \$72.50

Also all Other Seasonable Seeds, Bulbs
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WHOLESALE PRICE LIST FREE.

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CINERARIA—Prize strains, mixed
Tall and Semi-dwarf.

ALYSSUM—Little Gem.

CALENDULA—Orange King, Lemon
Queen.

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Cold Storage Lilies

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108 West 28th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

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Salvia Bonfire— $\frac{1}{4}$ oz., 50c.; 1 oz., \$2.00.

Salvia Zurich— $\frac{1}{4}$ oz., 75c.; 1 oz., \$4.00.

Stocks Beauty of Nice, 75% Double Flowers

—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.

Snapdragon, Petunias, Verbenas, etc.

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"W. & D.'s Aldon" far outclasses any
other strain for marketing. Tr. pkt.,
50c.; $\frac{1}{8}$ oz., \$1.00; oz., \$6.00.

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W. & D.'s Imp. Giant-Flowering. Pure
White, Pink, Fairy Queen, Coral Red,
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Nelrose. Pkt., 25c.

ALYSSUM

Little Gem. Tr. pkt., 10c.; oz., 30c.
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Splendens. Tr. pkt., 20c.; oz., \$1.25.
Bonfire. Tr. pkt., 25c.; oz., \$2.50.

VERBENA

Mammoth. Scarlet, Pink, Purple, White,
Yellow. Tr. pkt., 25c.; oz., \$1.00.

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Treatise — How to Grow Them
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MAILED ONLY TO THOSE WHO PLANT
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BET. CARROT, PARSNIP, RADISH and
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items of the short crop of this past season,
as well as a full line of Garden Seeds, will
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Editor HORTICULTURE

Inclosed find fax which we are attaching to every plant leaving our establishment

IMPORTANT

THIS PLANT left our store in perfect condition

If upon arrival, the pot should be broken or plant otherwise injured, notify us **AT ONCE**. No claim considered unless we are notified immediately upon receipt of plant.

While we are anxious and willing to assist you in getting your plants by giving you the benefit of our years of experience, the atmospheric conditions and care they receive are so varied in different homes, that we cannot guarantee them.

PENN THE FLORIST

Undoubtedly all florists throughout the country have experienced the same difficulties which we have. Plants are shipped from the store in perfect condition and during a period when they are not apt to be chilled. After being in the home a week or more folks will telephone that the plant was frozen and arrived in that condition. While we know so well that we are not at fault, it is one of the hardest parts of our business to ignore this kind of a complaint.

We have tried various methods to overcome this difficulty and to my mind the inclosed has had the best results. Trust this may interest and help the many readers of HORTICULTURE, and thanking you for past courtesies, we are,

Yours very truly, **HENRY PENN.****NEW FLOWER STORES.**

Brooklyn, N. Y. William J. Egan & Co., 274 Flatbush avenue, successor to John Fortune.

New York, N. Y. Washington Heights Florist, 3544 Broadway, Peter Velotas, proprietor.

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WASHINGTON, D. C.

Established 1874

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Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address. Dardsflor.

We should all strictly adhere to the request of the United States Food Administration.

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Prompt Auto Delivery
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Deliveries to Steamers and all Eastern Ports

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Flowers of Every Kind in Season

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5523 Euclid Ave.
Will take good care of your orders
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440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
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For Retail Stores a Specialty
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WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
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CHICAGO FLORISTS' CLUB.

The regular meeting of the Chicago Florists' Club was held February 7 at the Bismark Hotel. Johan Ebbert, 1285 Victor avenue, and E. W. Young, 7044 Greenvue avenue, were elected to membership. A partial report was made by the committee on Valentine's Day and Mothers' Day and the club voted the advertising committee to continue. A standing committee on publicity consisting of A. Lange, H. D. Schiller and Wm. Wienhoeber was named by the president. A special committee on the garden movement to consist of O. J. Friedman, Carl Cropp and Geo. Sykes was also constituted. A vote of thanks was given to August Poehlmann, C. L. Washburn and Peter Reinberg for their help in bettering the coal situation for the florists. E. Ollinger, who had spent much time in working to save the florists from having their places freeze up for lack of coal was voted \$50.00 for his services. Mr. Anderson of Poehlmann Bros. gave a very instructive talk on orchids of which his firm had a fine exhibit. A committee consisting of August Poehlmann, J. Morton, E. Ollinger and P. J. Foley was appointed to work for as large a delegation as possible to attend the Illinois State Florists' Association at Urbana.

The club voted that Paul Klingsporn be chairman of a committee, the other members of which he should appoint, to create as much interest as possible in the St. Louis convention. Arthur Craig, son of one of the old-time florists, read some of his compositions which were enjoyed and referred to the committee on advertising. Two representatives of educational films presented this matter to the consideration of the club. It was "novelty night" and the inspection of the exhibits followed, Tim Waters taking the lead in the social hour which hereafter is to be a regular part of each meeting.

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And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
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FLORISTS AND
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TARRYTOWN-ON-HUDSON, - N. Y.

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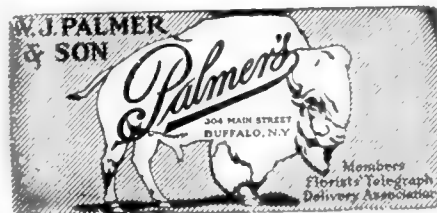
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The largest cut flower store in America.
Orders for the TWIN CITIES and for all
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HOUSTON, TEXAS
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ROOTED CARNATION CUTTINGS

C. W. Ward, Theo. A. Roper, Matchless,
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We have a large supply of them ready for im-

Special prices in 1000 lots

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	BOSTON Feb. 14		ST. LOUIS Feb. 11		PHILA. Jan. 28	
Roses						
Am. Beauty, Special	5.00	to 50.00	50.00	to 60.00	to 50.00	
" " Fancy and Extra	15.00	to 25.00	25.00	to 35.00	25.00	to 35.00
" " No. 1 and culls	4.00	to 8.00	8.00	to 15.00	10.00	to 20.00
Russell, Euler, Mock	4.00	to 12.00	8.00	to 15.00	6.00	to 35.00
Hadley	4.00	to 15.00	1.00	to 15.00	8.00	to 35.00
Arenberg, Hoosier Beauty	4.00	to 12.00			8.00	to 15.00
Ward	4.00	to 10.00	3.00	to 8.00		
Killarney, Radiance, Taft	4.00	to 12.00	4.00	to 8.00	6.00	to 10.00
Ophelia, Sunburst, Hillingdon	1.00	to 15.00	8.00	to 15.00	6.00	to 12.00
Carnations	1.00	to 3.00	3.00	to 4.00	3.00	to 4.00
Cattleyas	25.00	to 50.00			25.00	to 50.00
Dendrobium formosum		to 50.00			60.00	to 75.00
Lilies, Longiflorum	8.00	to 10.00			8.00	to 12.50
Lilies, Speciosum	6.00	to 8.00				
Callas	12.00	to 16.00			15.00	to 20.00
Lily of the Valley	6.00	to 10.00	6.00	to 8.00	8.00	to 10.00
Snapdragon	6.00	to 10.00			10.00	to 20.00
Bouvardia	2.00	to 3.00				
Violets	1.00	to 1.50	.40	to .75	.75	to 1.00
Freesia	2.00	to 3.00	3.00	to 4.00	4.00	to 5.00
Narcis, Paper White	1.00	to 2.00	3.00	to 4.00	2.00	to 3.00
Roman Hyacinths	1.00	to 3.00	3.00	to 4.00		to 5.00
Stevia	1.00	to 1.50			2.00	to 1.50
Calendula	2.00	to 3.00			3.00	to 4.00
Mignonette	2.00	to 4.00			4.00	to 5.00
Sweet Peas	.50	to 1.00	.40	to 1.00	1.00	to 3.00
Marguerites	2.00	to 4.00			2.00	to 3.00
Gardesias	15.00	to 35.00			25.00	to 35.00
Adiantum	1.00	to 1.25			1.00	to 1.50
Smilax	20.00	to 25.00	12.50	to 15.00		to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	25.00	to 35.00	50.00	to 60.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

BOSTON Trade has lived up quite considerably this week. Valentine's Day has had a good part in the activity and increased sales on account of the day are reported from all sides. The chief participants in the special call are roses, violets and carnations, but the lesser flowers such as primroses, daisies, wallflowers, mignonette and myosotis have also found favor. Roses are quite scarce with prices holding strong. Values on carnations have also braced up somewhat. Bulbous flowers are being received in increased quantity.

The general opinion prevailing normal the past week than for some time previously. When books are compared with those of two or three years ago it is found that they suffer little in comparison. Last year was an exceptionally good one and February this year, under the prevailing conditions, is bound to fall below in volume of business but this does not discourage the thinking florist. Roses are comparatively scarce. The quality of those now coming in is good and customers are not slow in supplying their needs early. Carnations are in fair demand and the stock runs all the way from splits to fancy, but the price does not average high enough to make the growers feel that they will have much left after the coal bills are paid. Spring flowers exceed in quantity those of other years and while many are sold there are also many lost. Common ferns sell for \$3 per thousand.

CINCINNATI Business is up to expectations. Demand is shady and results in the average business being fairly good. Express service is much better, and now shipments are either going through or coming through in a reasonable time. Shipments from the east and south, however, are still delayed somewhat. Roses, with the exception of American Beauties, are far short of actual needs. The American Beauties, however, are in a beautiful supply. Carnations, lilies and bulbous stock are fairly plentiful.

NEW YORK There is a very noticeable activity this week in the wholesale market, attributable in part to the Valentine's Day spurt which has had the effect of offsetting the usual dejection of Ash Wednesday's entry. The quantity of bulbous stock being received shows no diminution and sales are at low figures. Roses are moving briskly with no surplus in sight. Carnations, violets, lilies, lily of the valley, cattleyas, etc., are all available in quantity unlimited and at prices that are considered too low for the season. Quality is excellent all through.

PHILADELPHIA There is a little spurt here as the week commences caused by the long distance orders for St. Valentine's Day. Locally there is little doing as the retailers are all closed for the Monday holiday and



CATTLEYAS

Some wonderfully choice Flowers coming in

Specials.....\$6.00 per doz.
Medium.....\$3.00 \$4.00 " "
Special prices on large quantities.

Pussy Willow

\$.25, \$.50, \$.75, \$1.00 per Bunch.

Everything in Plants, Cut Flowers, Greens, Ribbons and Supplies.

S. S. PENNOCK CO.

THE Wholesale Florists of PHILADELPHIA

NEW YORK
117 W. 28th St.
BALTIMORE
Franklin & St. Paul Sts

PHILADELPHIA
1608-1620 Ludlow St.
WASHINGTON
1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Feb. 11	CHICAGO Feb. 11	BUFFALO Feb. 11	PITTSBURG Feb. 4
Roses				
Am. Beauty, Special.....	35.00 to 40.00	40.00 to 50.00	50.00 to 60.00	40.00 to 50.00
" " Fancy and Extra.....	25.00 to 35.00	30.00 to 40.00	30.00 to 40.00	20.00 to 35.00
" " No. 1 and culls.....	10.00 to 20.00	10.00 to 20.00	25.00 to 30.00	10.00 to 15.00
Russell, Euler, Mock.....	6.00 to 15.00	6.00 to 25.00	6.00 to 10.00	8.00 to 25.00
Hadley.....	6.00 to 15.00	5.00 to 15.00	6.00 to 12.00	..... to
Arenberg, Hoosier Beauty.....	6.00 to 10.00	5.00 to 15.00	6.00 to 15.00	..... to
Ward.....	5.00 to 8.00	5.00 to 15.00	3.00 to 6.00	6.00 to 12.00
Killarney, Radiance, Taft.....	4.00 to 10.00	5.00 to 12.00	6.00 to 10.00	6.00 to 12.00
Ophelia, Sunburst, Hillingdon.....	6.00 to 15.00	5.00 to 15.00	5.00 to 15.00	6.00 to 12.00
Carnations	3.00 to 4.00	1.50 to 4.00	3.75 to 5.00	2.00 to 4.00
Cattleyas	..... to 75.00	40.00 to 60.00	50.00 to 60.00	40.00 to 60.00
Dendrobium formosum.....	..... to .....	..... to .....	..... to .....	..... to
Lilies, Longiflorum.....	10.00 to 12.50	8.00 to 12.00	8.00 to 12.00	10.00 to 12.00
Lilies, Speciosum.....	..... to .....	..... to	4.00 to 6.00	4.00 to 8.00
Callas.....	8.00 to 10.00	2.00 to 12.00	10.00 to 15.00	..... to
Lily of the Valley.....	..... to 7.00	5.00 to 6.00	8.00 to 10.00	..... to
Snappedragon.....	4.00 to 5.00	5.00 to 6.00	4.00 to 8.00	4.00 to 8.00
Bouvardia.....	..... to	4.00 to 6.00	..... to .....	..... to
Violets.....	1.00 to 1.50	.75 to 1.00	.60 to .75	.35 to .75
Freesia.....	2.00 to 4.00	3.00 to 5.00	3.00 to 5.00	4.00 to 6.00
Narcis, Paper White.....	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00
Roman Hyacinth.....	2.00 to 4.00	2.00 to 3.00	2.00 to 4.00	2.00 to 4.00
Stevia.....	2.00 to 3.00	2.00 to 3.00	1.00 to 1.50	1.00 to 1.50
Calendula.....	4.00 to 4.00	2.00 to 3.00	2.00 to 3.00	3.00 to 6.00
Mignonette.....	..... to	4.00 to 6.00	4.00 to 6.00	2.00 to 5.00
Sweet Peas.....	1.00 to 2.00	1.00 to 2.00	1.00 to 2.50	.75 to 3.00
Marguerites.....	..... to 1.00	..... to	1.00 to 1.50	1.00 to 3.00
Gardenias.....	..... to	2.00 to 25.00	15.00 to 20.00	..... to
Adiantum.....	..... to 1.00	1.00 to 1.25	1.00 to 1.25	1.00 to 1.25
Smilax.....	..... to 15.00	1.00 to 20.00	15.00 to 20.00	15.00 to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00 to 35.00	25.00 to 50.00	35.00 to 50.00	35.00 to 60.00

only funeral work is being attended to. American Beauty roses are scarce at present and the quality is nothing extra. This is a usual condition for this time of year and it will be three or four weeks before much improvement can be expected. Russells are very good but not over plentiful. Scott Keys, Hadleys and Hoosiers are also of very superior quality and sell fairly well at moderate prices. Carnations are at their best and very popular but unfortunately the prices continue at a much lower level than this time last year. Cattleyas and gardenias were never better and there is

an ample supply of them. Cypridiums do not go so well, much of the stock arriving, although of fancy types, showing evidence of having been rather too long on the plants. Sweet peas are a big feature of the market. Immense quantities of them find ready sale at good prices. Valentine demand is using up many of this popular favorite. Daffodils and other bulbous flowers are much in evidence. Freesias, especially the variety Purity, go well as does also the Iris novelty Tingitana. Plumosus green is scarce and higher than usual.

(Continued on page 165)

H. BAYERSDORFER & CO. Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display

New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 148 West 28th St., NEW YORK
Telephones: 2200, 2201, Madison Square.

WM. P. FORD

Wholesale Florist

107 W. 28th Street, NEW YORK

Telephone 2485 Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District

JOHN YOUNG & CO.
WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Phone Farragut 4336

FRANK MILLANG

Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building

Tel. 200 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT
WHOLESALE FLORIST

109 WEST 28th ST
CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS
18 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 FARRAGUT 131 West 28th St., NEW YORK CITY
3089

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, **ALBANY, N. Y.**
WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3804 and 8304 Madison Square

57 WEST 26th STREET

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 12—8510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Feb. 9 1918		First Part of Week beginning Feb. 11 1918	
American Beauty, Special	25.00	to 40.00	30.00	to 40.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	5.00	to 6.00	5.00	to 6.00
Russell, Euler, Mock	5.00	to 12.00	5.00	to 12.00
Hadley	5.00	to 35.00	5.00	to 50.00
Arenberg, Hoosier Beauty	5.00	to 8.00	5.00	to 10.00
Ward	5.00	to 8.00	5.00	to 8.00
Killarney, Radiance, Taft	5.00	to 8.00	5.00	to 8.00
Ophelia, Sunburst, Hillingdon	5.00	to 12.00	5.00	to 12.00
Key	5.00	to 12.00	5.00	to 12.00
Carnations	2.00	to 4.00	2.00	to 4.00

GROWERS' CUT FLOWER COMPANY

WHOLESALE FLORISTS

129 West 28th Street

Tel. 6237
3583 Farragut

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 604,

NEW YORK.

Flower Market Reports

(Continued from page 151)

Business continues PITTSBURGH going right along with the exception of "Fireless Monday." Prices for St. Valentine's Day flowers did not soar, although the varieties usually most sought for were not in great abundance. Sweet peas, yellow daisies, short-stemmed roses, freesia, daffodils, tulips, roses and violets are at time of writing really scarce.

The general ROCHESTER, N. Y. supply is becoming more plentiful and trade conditions are improving somewhat. The first half of last week shipments continued to arrive in a badly frozen condition and rendered the market somewhat short. Roses are selling good and include about all varieties. Bulbous stock is arriving in larger quantity. Sweet peas, freesia and calendulas are here in small quantities. Violets are very good and move freely. The supply of carnations is larger and prices are lower.

Springlike weather and ST. LOUIS street car strike ending has caused quite a revival in transient trade. Carnations in light colors are plentiful and prices holding up well. Prices are still high and scarce. The violet supply is larger but heavy demands are expected for Valentine Day. Sweet peas are on the increase. Bulbous stock is in fair supply.

DURING RECESS.

Stamford (Conn.) Horticultural Society.

A meeting of the Stamford Horticultural Society was held Friday evening, February 2. There was an address by the president, Henry Wild, and a musical program followed. The West Stamford band gave musical selections and there were a song by Owen Hunwick, a duet by Miss Ledbetter and Miss Emily Foster, a recitation by Mr. Young, a song by Miss Ledbetter, a poem by G. B. Cannon, a song by Miss Foster, a song by Mr. Hunwick, bagpipe selections by Mr. Robinson, a solo by Master Chapman and a song by Mr. Towes. The musical program was followed by refreshments and each lady present was given a bouquet. Dancing followed. There were about 200 persons present.

A NEW FLORISTS' SUPPLY HOUSE.

Martin Reukauf, for 38 years traveling representative of one of the leading florists' supply houses of America and well-known to about every florist from the Atlantic to the Pacific, has started on his own account with store and headquarters at 5th and Callowhill streets, Philadelphia. He will handle the regular standard lines in baskets, ribbons, etc., and with his long experience and intimate knowledge of the florist business will undoubtedly command a liberal share of the best patronage of the country. No one is held in higher esteem than Mr. Reukauf in his line of business, and we hope and expect he will enjoy the confidence and support of the trade.

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Feb. 9 1918		First Part of Week beginning Feb. 11 1918	
Cattleyas.....	15.00	to 35.00	15.00	to 35.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	4.00	to 8.00	4.00	to 8.00
Lilies, Speciosum.....	3.00	to 6.00	3.00	to 6.00
Callas.....	15.00	to 20.00	15.00	to 20.00
Lily of the Valley.....	2.00	to 5.00	2.00	to 6.00
Snappdragon.....	2.00	to 15.00	2.00	to 15.00
Bouvardia.....	2.00	to 3.00	2.00	to 3.00
Violets.....	.30	to .75	.75	to 1.2
Freesias.....	1.00	to 3.00	1.00	to 3.00
Narcis, Paper White.....	.75	to 2.00	.75	to 1.50
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Tulips.....	2.00	to 4.00	2.00	to 4.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	3.00	to 4.00	3.00	to 4.00
Sweet Peas.....	1.00	to 2.00	.50	to 2.00
Marguerites.....	1.00	to 3.00	1.00	to 3.00
Gardenias.....	15.00	to 30.00	15.00	to 30.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Spreng (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Consign your flowers to me. I can sell them to your satisfaction.

CLARENCE SLINN, 112 W. 28 St.
NEW YORK

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

BUSINESS TROUBLES.

Columbia City Floral Co., Columbia City, Ind., reported to be in receiver's hands.

Doogue & Co., florists, Asylum St., Hartford, Conn. Liabilities \$15,000. Offering 25 cents on the dollar in settlements.

John Evert, Chicago; liabilities, \$13,000. Compromise of 33 1/3 per cent. has been offered to unsecured creditors.

J. J. Gunn & Son, florists, Salem, Ohio; voluntary petition. Liabilities \$4,665; assets given as \$10,790.

At the last meeting of the Buffalo (N. Y.) Retail Florists' Association, the following officers were elected: president, Chas. Schoenhut; secretary-treasurer, Robert Scott; directors, W. J. Palmer, Theodore Frank, S. A. Anderson, Chas. Schoenhut and Robert Scott.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

B. S. SLINN, Jr.

55 and 57 W. 26th Street, NEW YORK

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our Mental Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Cut Flowers of All the Leading Varieties in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000 \$2.00 50,000 \$8.75 Sample free.
For sale by dealers.

Est. 1765

Inc. 1904

Pot Makers for a
Century and a Half**HEWS****STRONG
RED
POROUS****POTS**World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****NEW YORK.**

William Mackie, formerly employed by W. P. Ford, has started in the wholesale flower business at 105 West 28th street.

V. L. Outerbridge, of Henry & Lee, 97 Water street, a member of the New York Florists' Club, and the S. A. F. has been appointed by Gov. Whitman as major in command of the First Battalion of the new Twenty-third Regiment.

Secretary John Young says that owing to the holidays and in the change in printing the Annual S. A. F. Report, recommended by the Executive Board, an unusual delay has occurred. However, he hopes to have them ready for distribution within the course of the next two or three weeks.

Florists of Winfield, L. I., are complaining that they are not receiving fair treatment in the matter of coal supply and that they are running risk of great loss. Many florists are raising young vegetable plants for early spring cultivation, and many farmers depend upon the florists for their supply of young planting stock.

The cargo of the Holland-America steamship Nieuw Amsterdam was partially discharged on Monday, February 11—about 1,000 cases, all to be opened by the government officials searching for dangerous matter, sabotage, etc. Cases opened so far show contents to be in fine condition, but repacking involves a quality of uncertainty which consignees will have opportunity to solve in due time.

A story has been widely printed by the daily papers to the effect that J. P. Morgan has closed the extensive greenhouses on his estate at Peacock Point, Glen Cove, to help in the conservation of coal. It is stated that "the thousands of valuable plants will be distributed among public conservatories or sent south where they may continue their growth out of doors." These "valuable plants" have never made their appearance at any horticultural exhibition, so far as we have known. Looks like a case of "blow" for public effect. We have read of a number of other instances of similar sacrifices on the altar of "patriotism."

There was a very interesting meeting of the International Flower Show Committee held Monday, February 11, presided over by Theo. A. Havemeyer, chairman, who has just returned from California. Three weeks ago everyone

seemed pessimistic, and expressed very much doubt as to the ultimate result of the exhibition. This feeling has entirely changed, and all hands are optimistic that it will be a success in every way. There is no question but what many exhibits from the private places will be missing, but this will be amply made up by the increased exhibits from the commercial growers. Then the co-operation of the American Rose Society will also be a great benefit. Any rumors that have been circulated that the Show will be postponed or abandoned are false in every particular, as every member of the committee has pledged himself to work ten times as hard in its interest. There is more space sold now in the trade section than ever was the case at this time, in any previous Show. It is expected that the space rentals will amount to \$12,000. The official program is also being supported liberally by those in the trade. The ladies of the Red Cross will co-operate on a larger scale than ever and it is believed that they will have other features this year than the Tea Garden which will be of greater attraction than the tea garden and will undoubtedly have an influence towards a larger attendance.

BOSTON.

George Arnold of Arnold & Fisher of Woburn has started to sell his own product at the Flower Exchange instead of through a commission salesman as hitherto.

A favorable report has been made by the Committee on Agriculture on the bill authorizing the State Department of Agriculture to spend \$100,000 for farm machinery and to operate or lease it to farmers in the State on such terms and for such periods as may be deemed expedient.

PHILADELPHIA.

A five to ten thousand dollar loss was suffered by John Westcott on Feb. 2 in a fire at his greenhouse establishment, Ridge and Lehigh avenues. A defective gasoline engine in the stone polishing establishment next door started the blaze which quickly spread to the Westcott boiler rooms and in a very short time had the whole establishment out of business. Zero weather made matters all the worse, of course. We extend our condolences and sympathy to Mr. Westcott in his misfortune. It's just one dashed thing after another these days.

CHICAGO.

At the annual meeting of the Horticultural Society of Chicago, J. C. Vaughan was elected president. A policy of more publicity for flowers was adopted, which will be worked out by means of frequent exhibits.

The retail store of W. J. Kidwell will be kept open for the present by Kyle & Foerster, one of the largest creditors and temporary receiver, Mr. Kidwell having made an assignment in bankruptcy as stated in last week's issue.

The downtown florists have very attractive display windows for calling attention to St. Valentine's Day. The sales on this day have grown to such proportions as to make it one of the most profitable days for the florist, and the special advertising campaign is expected to make this year's sales exceed any other.

C. H. Perkins II, of Jackson & Perkins Co., was here on his way home from a trip through the middle west. He mentioned the discouraging fact that 150,000 English Manetti stock arrived frozen. The loss is not only a financial one but is to be regretted from the fact that it cannot be replaced and, therefore, cuts off that much from the supply for the growers.

Pfyer & Olsem, whose financial difficulties were mentioned in last week's issue, have since filed a petition in bankruptcy, with Wharton Plummer, of Todd & Plummer, receiver. Their liabilities and assets are both scheduled at \$73,000. At a meeting of the creditors a committee was appointed to co-operate with the receiver in conserving the stock. The Pfyer & Olsem place was known as the Scheutler greenhouses at Wilmette and Harry Philpott financed the deal when the sale was made two years ago.

Plans for avoiding the mistakes of last year, when lack of instruction caused the failure of many would-be home gardeners, are being arranged for now. The superintendent of schools, John D. Schoop, has added gardening to the list of studies offered to girls for the spring term. Thos. Skorupa, landscape gardener and superintendent of the northwest park district, will give a course of six lectures on home gardening at Pulaski Park. The lectures will be in Polish.

Poehlmann Bros. succeeded in getting their big truck into the city Friday for the first time since the snow became deep. It took twenty-six men an entire day to shovel the snow and



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE
 For Catalogues and Discounts address
AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

assist the truck to the city limits, some five or six miles. The flowers will now be drawn by teams from the greenhouses to where the truck will meet them. Shipping by express was too uncertain to be depended upon for daily stock.

PITTSBURGH.

West A. Mellon of Wilkesburg and the staff of Miss Emma B. Maxwell, has resigned and gone to Camp Hancock, Atlanta, Ga.

The Audubon Society of Sewickley has elected the following officers: President, George H. Clapp; vice-president, Walter Miller; secretary, Miss Eda Young; treasurer, Miss Alice Harworth.

Neil Forsythe, who was for several years in charge of the famous "Lyndhurst" grounds and greenhouse during the regime of the former lessee, J. J. Porter, is located temporarily with Superintendent William Allen of the Homewood Cemetery.

HELP WANTED

Salesmen Wanted

We prefer greenhouse men for our salesmen. If you can make good selling an established line of greenhouse supplies, we have openings in our sales organization. Previous sales experience is desirable, but not necessary. What we want are greenhouse men who understand greenhouse problems and can talk intelligently to the greenhouse trade. In writing us, give age, references, salary expected and territory you are familiar with. Address

Key 868, care HORTICULTURE.

WANTED—Man experienced in outdoor garden and greenhouse work, as assistant gardener on private estate within a mile of Boston. Scotch preferred, single and not under 35 years old. Apply to office of HORTICULTURE, 147 Summer St., Boston.

SITUATIONS WANTED

SITUATION WANTED—By Japanese horticulturist. Graduate of Horticultural College. Practical experience in Japan and United States. Able to do all kinds of gardening and greenhouse work. Married. State wages etc. "J. H." care Horticulture Publishing Co.

FOR SALE

For Sale or Lease

Ten thousand ft. glass, modern construction, steam heated, all facilities for supplying a thriving local trade winter and summer. Owner on account of advancing years, wishes to sell or lease on reasonable terms to live young florist. If married can have the dwelling on the place or another smaller within a stone's throw. Good opportunity for a hustler to build up a fine business on a basis already solid. Ten miles from Philadelphia. Wealthy residents all around. Paying now but could do much more. Address "J. A. C. B." care George C. Watson, 839 Market St., Philadelphia, Pa.

DREER'S "Riverton Special" Plant Tubs



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$2.75	\$30.00	\$230.00
20	18 in.	2.25	24.00	190.00
30	16 in.	1.75	19.00	152.00
40	14 in.	1.50	17.00	135.00
50	12 in.	1.00	11.00	88.00
60	10 in.	.70	7.75	62.00
70	8 in.	.55	6.50	50.00

The Riverton Tub is sold exclusively by us, and is the best ever introduced. The neatest, lightest and cheapest. Painted green and bound with electric-welded hoops. The four largest sizes are equipped with drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs, and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

Four employees of the McCallum Co. serving with the colors are: James Riley, in France; his brother, Earl, with the quartermaster's corps of the Columbus, Ohio, barracks; Thomas Kallher, at Camp Lee, Petersburg, Va., and Marcel Corveaux on garrison duty on the Yukon in Alaska.

The recent annual meeting and election of officers of the Horticultural Society of Western Pennsylvania resulted as follows: William Allen, president; Frank Luchenbacher, vice-president; Fred Weissenbach, secretary and treasurer. The installing officiant was James T. Scott, Elmsford, N. Y.

Randolph & McClements had an ex-

ceptionally handsome St. Valentine window display in Japanese style. Boughs of peach blossoms and tall trellised ivory gates to the side, outline the window, while the Valentine display proper is dominated by floral designed boxes tied with broad rainbow-striped and daintily flowered ribbon. An ornamental plate with a box of honey and a card inscribed, "Won't you be my honey?" attracted attention. The Alpha Flower Shop display was dominated by pots of daffodils and baskets of assorted spring blossoms. One attractive downtown window had arranged large heart-shaped boxes, tied with ribbon and flanked with ferns and palms.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ALYSSUM VAR. BAUDISCHI.

A very pretty plant with beautiful variegated foliage. Very valuable as pot and bedding plant. Out of 2 in., \$5.00 per 100, \$35.00 per 1000; rooted cuttings, \$2.00 per 100, \$18.00 per 1000. Cash with order. EMIL H. BAUDISCH, 753 Hamilton Ave., North Bergen, N. J.

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Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

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Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale. JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

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Greenhouse glass, lowest prices. **JOHN-STON GLASS CO., Hartford City, Ind.**

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HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

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Péonies. The world's greatest collection, 1200 sorts. Send for list. **C. BETSCHER, Canal Dover, O.**

ROSES

ROSES, CANNAS AND SHRUBS. **THE CONARD & JONES COMPANY, WEST GROVE, PA.**

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. **LAGER & HURRELL, Summit, N. J.**

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Strawberry Plants, Money making varieties. Catalogue Free. **BASIL PERRY, Georgetown, Delaware.**

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Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. **J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.**

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.



"HAMMOND'S GRAPE DUST"

Used effectively to kill Powdery
Mildew on Roses and other Plants

USED BY THE FLORISTS FOR OVER 25 SUCCESSIVE YEARS

Sold by the Seed Dealers
For pamphlet on Bugs and Blights address

HAMMOND'S PAINT AND SLUG SHOT WORKS

BEACON, N. Y.

ST. LOUIS.

The Growers' Club met on Wednesday, February 5. Over seventy dollars was raised for the publicity fund.

The Growers', Retailers' and Florist Club publicity committees met on Thursday, Feb. 7 at the office, Commercial Building. It was decided to place advertisements in the daily papers in regard to Valentine's Day.

USE

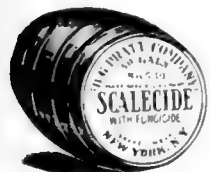
WIZARD

TRADE BRAND MARK

CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
Pulverized
Sheep Manure

The Florists' standard of uniform high quality for over ten years.
Specify: **WIZARD BRAND** in your Supply House order, or write us direct for prices and freight rates.
THE PULVERIZED MANURE CO.
14 Union Stock Yard, Chicago



Free!

A 50-gallon barrel of Scalecide free to any one who will suggest a **fairer** guarantee than that given below.

"SCALECIDE"

As proof of our confidence and to strengthen yours, we will make the following proposition to any fruit grower of average honesty and veracity:

Divide your orchard in half, no matter how large or small. Spray one-half with "SCALECIDE", and the other with Lime-Sulfur for ten years, everything else being equal. If at the end of that time, three disinterested fruit growers say that the part sprayed with "SCALECIDE" is not in every way better than that sprayed with Lime-Sulfur, we will return you the money you paid us for the "SCALECIDE".

Send for our free booklet,
"Profits in Fall Spraying"

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50 Church St. Dept. 12 New York



NIKOTEEN

For Spraying
APHIS PUNK
For Fumigating

Ask Your Dealer For It
NIKOTEEN MFG. CO.
ST. LOUIS

Pennants inscribed, "Say it with Flowers," will be placed in all prominent places. It was also decided to endeavor to handle the glut by advertising special sales by "See Your Nearest Florist." Flowers to be sold to the small dealer as cheap as to the big ones.

The Windler Wholesale Floral Company held its annual meeting Jan. 31st and officers were reelected for 1918 as follows:—Frank A. Windler, pres.; E. E. Windler, vice-pres.; A. W. Gumz, secretary and treasurer. The same officers are the directors. After the above meeting there was a stockholders' meeting of the Natural Foliage Company of St. Louis at which meeting the directors of the Natural Foliage Company unanimously elected the officers of the Windler Wholesale Floral Company to act in the same capacities for the Natural Foliage Company for the ensuing year.

ROCHESTER, N. Y.

George B. Hart has installed an electric paint spraying device for painting baskets, etc.

Chester Ament, of Ridgeway avenue, had one of his boilers burst last week and was obliged to use oil stoves to keep up the temperature.

Max, the Florist, has been discharged from military duty at Camp Gordon and has started in business again a few doors from his old stand.

James Vick's Sons report a big advance trade in cabbage, onion, timothy and clover seed. They are experiencing great difficulty in filling seed orders because of the railroad tie-up.

Creditors of Frank R. Bohnke, florist, held their first meeting and Geo. B. Draper was appointed trustee. The assets in the case are represented principally by early flowering bulbs, and as they have been planted the trustees will have the task of keeping them from freezing until they are marketable.

CLEVELAND.

Express service is very good considering traffic conditions according to some wholesalers. Some shipments are coming through on schedule, and others are not greatly delayed.

Bramley & Son, 1181 East 71st street, were the only Cleveland florists represented in the Patriotic Food Economy Show at the Central Armory, week of February 4. Beside many flowers the Bramley exhibit featured Gro-Well plant fertilizer.

George Nixon, has resigned his position at Nichols Arcade flower shop and started a restaurant. Anthony J. Rose, has left the Park flower shop and returned to Nichols, where he was



Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

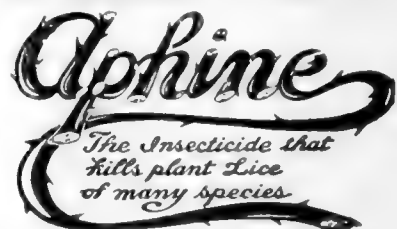
Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/2 Pint, 30c.; Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00.

Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNGINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

Aphine Manufacturing Co.

MADISON, N. J.



Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,
Harry A. Bunyard, Mgr.

NITRATE AGENCIES CO.

106 Pearl St., New York

formerly employed for eight years. John Ryan, formerly of Pape's, Toledo, has been added to the selling staff at the Park flower shop.

KROESCHELL BOILERS

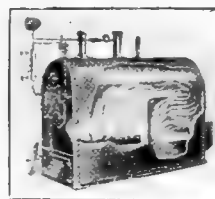


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We Claim Maximum Strength and Minimum Shadow. Investigate

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PHILADELPHIA OFFICE: Harrison Building, 15th and Market Streets.

CYPRESS GREENHOUSE STOCK

PECKY CYPRESS STOCK

HOT BED SASH

Ask for Circular D and Prices

THE A. T. STEARNS LUMBER COMPANY

NEPONSET, BOSTON



FOR Reliable Material

and square dealings in
Sash Operating Device
and Greenhouse Fit-
tings, get in touch with

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Richmond, Ind.

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Glazing

USE IT NOW

F.O. PIERCE CO.

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NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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For Commercial and
Private Growers



Anyone who can handle a hammer can assemble this greenhouse. We furnish all the necessary hardware. When once erected it can remain as a permanent greenhouse, or it can be taken apart and re-erected elsewhere if necessary.

The house illustrated stands 8½ ft. wide by 12 ft. long. It is made of Gulf Cypress and can be attached to the residence or garage, or put up as a separate detached house. Has 2 glass ends and doors. Equipped with 2 plant benches, ventilating arrangement both sides. Has plenty of headroom and wide walk. This same house can easily be made larger at any time by adding our ready made, exact fitting units.

We build greenhouses of all styles and sizes and go anywhere in the United States to submit plans and prices.

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PATENTED GREENHOUSES

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Dreer's Peerless Glazing Points

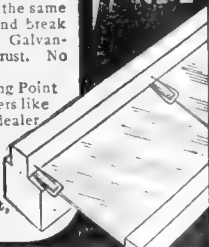
For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No. 2



The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address. JOHN G. ESLEB, Sec., Saddle River, N. J.

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HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

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Difficult and rejected cases specially solicited. No misleading inducements made to secure business. Over 30 years' active practice. Experienced, personal, conscientious service. Write for terms. Address.

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Washington, D. C.

Burpee's Seeds Grow



Two catalogs that every Florist and Market Grower should have. The tendency towards economy will cause many Florists to turn to vegetables in conjunction with flowers.

BURPEE'S ANNUAL FOR 1918

has been greatly enlarged and improved. It has 216 pages, 24 of which are in color, illustrating more than 100 varieties of vegetables and flowers.

BURPEE'S BLUE LIST FOR 1918

also contains 216 pages with 100 varieties illustrated in the exact colors. It is the best Blue List we have ever issued and is a fund of information on the Best Seeds that Grow.

For more than forty years "Quality" has been the one aim and effort of the House of Burpee. The maintenance of Fordhook Farms, the World's Largest Trial Grounds, has been solely for the purpose of proving that Burpee's Seeds are worthy of the trust that every Florist and Market Grower must of necessity place in the seeds that he sows.

THE BURPEE SERVICE

We are keenly alive to the requirements of the trade. Our experts are in close touch with the various organizations throughout the country that have as their aim the improvement of conditions for the commercial grower. The records of Fordhook Trial Grounds, the advice of our experts, and the detail of our Service Bureau, are at the command of our Florist and Market Grower friends, and we want you to feel that it will be our pleasure to help you in any way that we can.

The supply of seed throughout the world is extremely short. Many varieties are almost a total failure, consequently we advise ordering early to avoid disappointment.

Send for the Burpee Annual and the Burpee Blue List. A post card will bring them. Write to-day.

W. Atlee Burpee Co.

Seed Growers

PHILADELPHIA

Vol. XXVII

No. 8

FEB. 23

1918

HORTICULTURE



Crataegus Holmesiana

Published Every Saturday at 147 Summer Street, Boston, Mass.
Subscription \$1.00

Dreer's Grand New Cannas for 1918

Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

CARMINE BEAUTY. Deep bright carmine flowers freely produced above the heavy dark-green foliage with a wide 5-6 in. margin. The flowers while not brilliant in color are of a much brighter and more cheerful tone. 4 ft. 75 cts. each; \$7.50 per doz.

CHEERFULNESS. No more appropriate name could be given to this brilliant novelty. Its beautiful bright fire-red or deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color of the flower and centre with each petal flaked with carmine crimson and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3 ft. 75 cts. each; \$3.50 per doz.

CLOTH OF GOLD. A very attractive dwarf, compact-growing free-flowering golden yellow. 3 ft. 40 cts. each; \$1.00 per doz.

DAZZLER. True and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire-red flowers. The intensity of coloring and freedom of blooming coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$3.50 per doz.

GOLDEN EAGLE. A wonderfully intense golden-yellow. Very free upright grower. The large flowers are produced in great clusters well above the foliage. 4½ ft. 50 cts. each; \$5.00 per doz.

HARMONY. Great clusters of good-sized, well-formed Geranium-red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Altogether a dignified harmonious combination. 3½ ft. 50 cts. each; \$5.00 per doz.

POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

SENSATION. To get a sensational color-tone in a pink Canna, is particularly noteworthy. Our first impulse was to call it "La France," because the color called to mind the La France Rose, but the tone is even cleaner and purer; it being a lovely pale-rose. The foliage is a beautiful glaucous-green; the plant dwarf and compact. One of the most noteworthy additions to Cannas in recent years. 3 ft. 75 cts. each.

One each of the above Ten Novelties for \$4.00

New Cannas From Other Sources

We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

CLEOPATRA. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous-bronze foliage. This variety stands out strongly in effectiveness. 4 ft. 50 cts. each; \$5.00 per doz.

DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAG OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

LAFAYETTE. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 ft. 30 cts. each; \$3.00 per doz.

One each of the Eight Varieties for \$2.00

HENRY A. DREER,

714 and 716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only



TYPE OF NEWER CANNAS

SUPERB. This variety is unique in color and truly superb; having large, clean bright orange-scarlet blossoms of good substance, produced on strong stalks with glaucous-bronzy foliage giving a most pleasing effect. 5 ft. 40 cts. each; \$4.00 per doz.

POCAHONTAS (Bronzed-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze; one of the best recent introductions. 4 ft. 30 cts. each; \$3.00 per doz.

SAN DIEGO. Chinese-orange or Persian-yellow. The crimped petals are remarkable for substance which enables them to withstand the hot summer sun without wilting. Another charm lies in the dark bronze color of the buds which harmonize with the rich bronze foliage. 4 ft. 15 cts. each; \$1.50 per doz.

VAROUNA. We have tried this variety for several years and at all times the bright orange-scarlet flowers, combined with the good bronze foliage, has won our admiration. A free luxuriant grower, producing its flowers well above the plant. 4½ ft. 25 cts. each; \$2.50 per doz.

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sorts, and many of the newer popular varieties and we have as many as you want, if it's 500,000. We are ready to make immediate shipment. 3-in., \$3.50 per 100, \$30.00 per 1,000; 10,000 for \$275.00. 2-in., \$2.50 per 100, \$22.50 per 1,000; 5,000 for \$100.00.

FUCHSIAS

Extra heavy summer-propagated 3-in. branching stuff, needing a shift in 4-in. Something fine for Decoration Day. Black Prince, Minnesota, Souv De H. Henkel. (Bronze Foliage.) 3-in., \$3.00 per 100. 2-in., \$2.00 per 100.

BEGONIAS

Gracilis Rosea, Erfordi and Vernon type in splendid shape. 2-in., \$2.00 per 100. 3-in., \$3.00 per 100.

CUPHEA, COLEUS, AGERATUM, LANTANA, LEMON VERBENA, SWAINSONA, PARLOR IVY, HARDY CHRYSANTHEMUMS. 2-in., \$2.00 per 100. 3-in., \$3.00 per 100.

DAHLIA BULBS. Order now for Spring Delivery. WHOLE FIELD CLUMPS. \$5.00 per 100 to \$1.00 each.

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F. RYNVELD & SONS
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Horseshoe Brand Bamboo Canes

For staking lilies and other flowers. Ready for immediate shipment from our warehouse, Bound Brook, N. J.

5/6 feet, Natural.....	\$8.00 per bale	1000
5/6 " "	15.00 "	2000
8 " "	13.00 "	1000
5 " Green.....	10.00 "	1000
5 " "	18.00 "	2000

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FOR IMMEDIATE DELIVERY LILIUM GIGANTEUM LILY OF THE VALLEY

of new crop. 7-9 in. \$55 per 1,000
In cases of 300 bulbs.

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In cases of 2,000 and 4,000 pips.

CHAS. SCHWAKE & CO., - - - 90-92 W. BROADWAY
NEW YORK

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BUY NOW

LILY BULBS

FALL SHIPMENT

Giganteum, Formosum, Rubrum,
Multiflorum, Magnificum, Auratum,
Album, Melpomene, Etc.

Shipments distributed from New York,
Chicago, Philadelphia, Denver, London
(Ont).

Write for **IMPORT** prices, stating quan-
tity, variety and size.

McHUTCHISON & CO., The Import
House
98 CHAMBERS ST., NEW YORK

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ALL THE POPULAR VARIETIES
Own Roots or Grafted

CARNATIONS

Rooted Cuttings of all the best commer-
cial varieties. Healthy stock.

MISCELLANEOUS PLANTS

Ready for Immediate Sales

	Size Pot	100
ASPARAGUS Sprengerii.....	2 1/4-in.	\$3.00
ASPARAGUS Sprengerii.....	3 -in.	6.00
SMILAX	2 1/4-in.	3.00

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A. N. Pierson, Inc.

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Bedding Plants and Roses

Nursery Stock

Fruit and Ornamental Trees, Shrubs,
Small Fruits, Clematis, Evergreens
and Roses.

Write for Trade List.

W. & T. SMITH COMPANY, Geneva, N. Y.

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Nurserymen, Florists
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RUTHERFORD, NEW JERSEY

CHARLES H. TOTTY

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MADISON, N. J.

FERNS from 2 1-4 inch Pots

BOSTONS—\$5 per 100, \$40 per 1000.

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per 1000.

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TEDDY, JR.—\$5 per 100, \$45 per 1000.

250 at thousand rates.

H. H. BARROWS & SON, Whitman, Mass.

A Gladiolus Everyone Ought to Grow

MRS. F. PENDLETON

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"**FIERY CROSS**" in the Canna world stands for just as much as "**FIERY CROSS**" in the Sweet Pea world. "**FIERY CROSS**" Canna is in a class by itself. The Famous "Firebird" Canna, which was an extremely high-priced novelty, is one of the parent flowers, and in the fields of the originator "**FIERY CROSS**" was known as "Firebird" Seedling No. 10.

Never before has there been a Canna of equal merit offered to the flower lovers of this country. We feel sure that "**FIERY CROSS**" will fill a place in the Canna beds that has never yet been attained by any red Canna. It grows to a height of four to four and one-half feet; flower stems grow from a foot to eighteen inches taller, making the total height approximately five to six feet. The flower heads are fifteen to eighteen inches in length, and carry from fifteen to twenty open flowers of a vivid scarlet shading to crimson. So firm are the glistening petals they do not wilt in the brightest sun. The foliage is a beautiful lustrous blue-green. It is entirely free from blight and disease. Flowers continuously from the latter part of June until frost.

We deem it a rare privilege to introduce such a wonderful New Canna. As an individual plant or in beds this peerless flower will take first rank. Stock is necessarily limited.

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SEED GROWERS

PHILADELPHIA

VEGETABLE CULTURE

CONDUCTED BY



Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Hot Beds

The ambition of every gardener should be to grow high-quality vegetables as well as to push the vegetable garden to the utmost capacity throughout the entire growing season. To facilitate a continued production over an extended period, the aid of a certain amount of glass becomes a necessity. Assuming that the average cultivator possesses this facility, a busy time is now at hand. Whether it be with the help of a small greenhouse or a few hot-bed frames only, much can be accomplished. If the frames are unheated, collect manure for making a hot bed at once. To be successful this hot-bed must not only generate heat but at the same time it must be of a lasting quality. It must be made to conserve heat. For making a reliable hot-bed nothing surpasses fresh horse manure. While horse droppings alone generate a maximum of heat when piled together, to make a bed retentive of heat, it will be necessary to allow short strawy litter or forest leaves to enter the formation. Having the material in a thoroughly fit condition before making up the bed is of greatest importance. The manure should be turned a sufficient number of times to sweeten, and should be neither too wet nor too dry. At each turning, work the outer portions of the heap into the interior to insure equal fermentation of the entire mass. When ready the material will be of a dark color, damp enough to pack under pressure but not so wet as to part with moisture. The depth to which the bed should be made will depend on local conditions, but a well-made and well-trodden bed twenty inches deep will meet ordinary requirements at this season. Make sowings of cauliflower, cabbage, tomato, onion, leek, lettuce and a pinch of celery for first supplies outdoors. In the greenhouse these same kinds may be raised with much less trouble. Aim to raise a stock of the various kinds sufficient but in proportionate quantities to the demand of the establishment.

Preparedness

A little foresight now will do much to lessen the perplexities which sometimes arise at planting time. Now while the ground is snow clad is the time to forecast future work, the disposition of ground for the

various crops and so on. Have everything in readiness before the spring rush. Procure pea brush, and bean poles, and have them sharpened if not already done.

Varieties to Plant Now

Mustard, cress and the small leaf radish may be sown in odd corners of the greenhouse and will be appreciated long before those in the open ground turn in. If you have room don't forget to start beets, carrots, spinach and string beans. All will grow to maturity in the hot-bed if planted now. Indeed, string beans may be grown to perfection in pots. Use 9 in. or 10 in. pots half filled with a rich porous compost and plant half a dozen seeds in each. Stand the pots in a newly started fruit house, either grapery or peach house. When the pots are filled with roots give the plants a top dressing. Masterpiece and Bountiful are good varieties for this purpose. A few seeds of a variety of long cucumber if started now may be later planted in the bench now used for propagating bedding stock. If cucumbers are not approved, substitute melons. A brisk heat is essential to these plants from the beginning.

Cauliflower and Lettuce

Cauliflower and lettuce approaching maturity should not be unduly forced. Keep the house cool, water more copiously with the lengthened days and admit air freely when conditions warrant. Both are gross feeders and weak liquid manure applied at this stage of their growth will be helpful. Maintain vigilant watch for insect pests and fumigate lightly on the first appearance, or better still, fumigate systematically as a preventive.

Tomatoes

Tomatoes raised from seed last month should be kept in a temperature of not less than 60 degrees and should be kept on the move by frequent potting. Use good porous soil in the early stages but avoid richness. These plants require very little feeding in the beginning but after fruit is "set" may be given generous treatment. Plants started already will furnish ripe fruit in three or four months' time and will continue bearing until the outdoor plants come into bearing. Support the plants in good time and remove lateral growths as they appear.

TWO GREAT ROSE NOVELTIES.

American Beauty roses of first quality and in abundance are seldom found at this season of the year but F. R. Pierson has a crop coming on now of stalwart specials such as one might be proud of at any season. They are fully a month ahead of last year. Chief interest in a visit to Scarborough now, however, centers in the two new *Ophelia* sports, *Rosalind* and *Silvia* which are being disseminated this spring, and are destined to take a permanent place in the cut flower market. *Rosalind* excels its parent chiefly in color and petalage. It has about

double the number of petals, forming a beautifully filled flower as it expands. The color is much deeper than *Ophelia* and at the base of the petals there is a lively luminosity not easy to describe but lovely to see. As the flower ages it assumes a pure pink color with no suggestion of fading. *Silvia*, on the other hand, is lighter than her parent, carrying extremely wide and long petals of white, pearly flushed and few in number. When fully open it forms a flower of enormous size with a mass of bright stamens, on the order of *Silver Moon*, and for vase work in this form it should make a decided hit as

the petals are very persistent. It is a remarkably strong grower, producing flowers on towering stems and of great substance.

Mr. Pierson has all his roses, American Beauty included, on low cement-bordered beds—no raised benches. The Beauties in one big house are five and six years old and their vigor is remarkable. They bore a full crop at Christmas and, as above mentioned, are again at it. *Hoosier Beauty* does better here than in most places, making a fine growth and blooming with great freedom, color of flower and strength of stem very satisfactory.

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The coming of even as many as thirty-two traveling representatives of Dutch horticultural exporting houses on the Nieuw Amsterdam, shows a considerable measure of courage on the part of these gentlemen after their sensational and somewhat distressing experiences last fall in their effort to get home after a similar visit to this country last summer. It also emphasizes the indispensability of the American market in the eyes of the Holland growers. Just what success awaits them in their campaign this season may not be predicted but we shall not be surprised if they find it very hard sledding.

The S. A. F.
Convention

Two matters which hold prominence in our news columns this week are the postponement of the St. Louis convention of the Society of American Florists until August and the vigorous preparations being made for the notable exhibition to be held in New York next month. The moving of the convention to the time of the year with which it has always been identified will meet with practically universal approval, the setting aside of the 1918 National Flower Show leaving no dominant reason for the abandonment of the old mid-summer vacation idea in connection with the S. A. F. Convention. So now the experiment of merging it with the National Flower Show will necessarily have to lie on the table for an indefinite period. In a way, this convention change clears the way for intensified activity in the New York enterprise and should strengthen it considerably. Notwithstanding the unusual conditions and perplexities attaching to this affair this year, the resolution to see it through seems now to have been justified in the new spurt of animation and determination among the commercial exhibitors, upon whom it appears must fall the greater part of the responsibility this time.

Generosity

Incessant is the S. O. S. call from every side now. A myriad agencies are working and straining every nerve in sedulous appeal on behalf of the Red Cross and other humane institutions. The response is spontaneous and open-hearted and among the ever-ready contributors the floral interests stand second to none in the degree and proportionate extent of their generosity. Generosity in its most noble quality consists of something more than sharing with others that of which one possesses more than one has need for, and much more than giving away that upon which another may have a better claim and he who in big-hearted sympathy for his fellowman in distress freely contributes that which he himself needs and can ill afford to give, merits by far the greater commendation. We have noticed in connection with the turning over of flower show proceeds, including cash premiums cheerfully forfeited by exhibitors for the benefit of various philanthropic activities, that as very often happens in such cases, public recognition and gratitude are prone to overlook and forget those who may have made the greatest sacrifice. The young woman who attires herself in the apparel of a waitress at the flower show and "pours tea" for the cause, the well-to-do patron who contributes liberally of that which he will never miss—such are, of course, worthy of honor and approbation and they get it in plentiful measure as everyone who reads the newspapers well knows, but of the heroic sacrifice of the man whose normally scanty profits from his labor have been reduced to the vanishing point in this most cruel winter, who yet unselfishly gives the plants and flowers which are his only means of livelihood and seeks no return other than an approving conscience and possible bit of ribbon—of this we hear little or nothing. Yet who is better entitled to acknowledgment and a good word?

INTERNATIONAL FLOWER SHOW

NEW YORK, MARCH 14-21, 1918.

With the opening of the International Flower Show less than a month away, the preparations at this date augur well for another great success, in spite of general conditions which might, by some, be considered hardly favorable. Many changes in the usual order of things, and quite a few innovations have been found necessary, but happily everything is in excellent shape and there is every reason to expect that the ultimate result will be satisfactory to all concerned.

The trade exhibits will again be an important feature of the Show, and on the usual large scale. Space amounting in the aggregate to \$8,000 has actually been sold, and there is every probability that sales will run to \$12,000 before the exhibition opens. While the exhibits of the greenhouse builders will necessarily be curtailed somewhat this year, all the concerns in this line will be represented.

The Official Program is under way and its advertising pages are being generously taken up, insuring an edition which will be up to the usual high standard. Trade tickets will be issued in blocks of 100 or more at 20c per ticket, and in less quantities at 25c per ticket.

The competitive exhibits will be numerous, and many new exhibitors will make an appearance. Special exhibits will also be prominent, and include some war gardens, practically a new feature. F. R. Pierson of Tarrytown, N. Y., will lay out a handsome Rose Garden of the formal type; and A. N. Pierson, Inc., Cromwell, Conn.,

will install a charming Rose Garden on rustic lines. John Scheepers, Inc., of New York, will enter an elaborate garden planting of Dutch bulbs, using accessories which will include a windmill and other picturesque subjects.

The American Rose Society having abandoned the exhibition it was to stage in St. Louis as part of the National Flower Show will hold its annual exhibition in connection with the New York Show, co-operating with it in every way. This insures a grand display of cut roses on a large scale, also of rose plants.

There will be no tea garden this year, the ladies interested having fallen in with the Hoover idea of conservation as regards what is alleged to be unnecessary food and refreshment. The ladies of the Red Cross, however, have organized to meet this deficiency with a patriotic exhibit which will be more in line with the spirit of the times. Their exhibit will be both new and novel, and will include machines for making sweaters, all in operation by men and women workers of the Red Cross. They will have two moving picture theatres, which will project films made expressly for the Red Cross and shown for the first time. Some of the films will feature the ruined fruit orchards of France and the methods now being used for re-establishing them. Another feature of the Red Cross exhibit will be a flower booth conducted by ladies of the Junior League. Speeches by persons prominent in Red Cross work will form part of the programme each day.

A more than usually patriotic sentiment will attach to this Show. The War Savings Stamps campaign of the Government will be featured in an exhibit; and quarters will also be occupied by officials in charge of the promotion of the next Liberty Loan, where some most prominent speakers will deliver patriotic addresses.

Orders for trade tickets should be in the hands of the Secretary as early as possible, accompanied by remittances covering the cost as per rates mentioned. JOHN YOUNG, Secy.

Among the exhibitors at the show, will be the following:

The Alphano Humus Co., New York; Bobbink & Atkins, Rutherford, N. J.; Coldwell Lawn Mower Co., Newburgh, N. Y.; A. N. Pierson, Inc., Cromwell, Ct.; W. F. Leary, New Rochelle, N. Y.; George L. Stillman, Westerly, R. I.; F. R. Pierson, Tarrytown, N. Y.; Arthur Cowee, Berlin, N. Y.; I. J. Stringham, New York; Roman J. Irwin, New York; A. T. De La Mare Co., New York; John Scheepers, Inc., New York; Chas. H. Totty, Madison, N. J.; The Mathews Mfg. Co., Cleveland, Ohio; The Davey Tree Expert Co., Kent, O.; Double-day Page & Co., Garden City, N. Y.; S. P. Townsend & Co., Orange, N. J.; Julius Roehrs Co., Rutherford, N. J.; The Cloche Co., New York; C. H. Allender, New York; I. Hicks & Son, Westbury, L. I.; Peterson, Sinclair & Miller, New York; Hitchings & Co., New York; Bon Arbor Chemical Co., Paterson, N. J.; Weeber & Don, New York; Max Schling, New York; Shawnee Mower Co., New York; Henry M. Stevens, New York; T. E. Nevins, New York; Hartmann-Sanders Co., New York-Chicago; Vaughan's Seed Store, Chicago-New York; American Seed Tape Co., Newark, N. J.; Claude W. Edgett, New York; J. C. Kraus Cast Stone Works, Inc., New York; National Farm & Garden Ass'n, New York; Metropolitan Material Co., Brooklyn; Mountain Community, New York; J. M. Thorburn & Co., New York; Frost & Bartlett, Stamford, Conn.

S. A. F. CONVENTION POSTPONED UNTIL AUGUST

In response to a very general desire expressed by members of the Society that, in view of the indefinite postponement of the National Flower Show, the 1918 convention of the society be held in St. Louis during the month of August, by order of the Executive Board the dates fixed for the convention in conjunction with the National Flower Show are hereby cancelled, and the regular dates provided for in Section 1, Article V, of the By-laws, which are the third Tuesday in August and the two following days, are adopted as the convention dates for 1918.

This change has met with the approval of the St. Louis interests, and Vice-president Bourdet has obtained the consent of the authorities of Moolah Temple, where the convention and trade exhibition is to be held, to the postponement now ordered.

CHAS. H. TOTTY, Pres.
JOHN YOUNG, Secy.

THE PUBLICITY CAMPAIGN.

Several new subscribers to the Publicity Fund are recorded this week, as noted below, but the leaders in the campaign think the impetus should be much greater. It

was pleasing to have a personal subscription from Fred Burki, the well known grower of Pittsburgh, who, from his winter home in Los Angeles, writes, "Though my company has subscribed to the S. A. F. Publicity Fund, I think so much of it that I make a personal subscription of \$25 a year for four years, and enclose my cheque for the first payment herewith."

The trade will have noticed the opening shot in the campaign—the page advertisement in The Saturday Evening Post of February 9. It is, of course, too early yet to get reports of results, but judging from the heap of applications for the booklet mentioned in the advertisement the page was very generally read.

The secretary has now a supply of the electrotypes for newspaper use covering "Easter," "Mother's Day," "Beautifying the Home," "On Her Birthday," "The Wedding," and the slogan "Say It with Flowers," and any or all of them can be forwarded at once. Anyone not having received a copy of the broadside describing these electros should send for a copy. It should be pointed out that these advertising electros are as far as

possible identical with the national advertisements, and are designed to draw to the florists using them direct benefit accruing from the national advertising. It is expected that the orders received for the transfer signs will be filled next week, and for the glass signs about one week later.

Chairman George Asmus of the Publicity Finance Committee reports the following additional subscriptions:

Annually for 4 years—Baur & Steinkamp, Indianapolis, Ind., \$25; A. Wiegand's Sons Co., Indianapolis, Ind., \$25; Smith & Young Co., Indianapolis, Ind., \$15; E. A. Nelson, Indianapolis, Ind., \$5; Hensley Flower Shop, Indianapolis, Ind., \$5; Hartje & Elder, Indianapolis, Ind., \$5; Circle Flower Shop, Indianapolis, Ind., \$5; John Rieman, Indianapolis, Ind., \$5; A. Donoghue, Omaha, Neb., \$25; F. J. Fillmore, St. Louis, Mo. (2nd subscription), \$5; W. W. Edgar Co., Waverley, Mass., \$25; Bousling & Hall, Ann Arbor, Mich., \$10; Charles Siegwart, Baltimore, Md., \$5; Fred Burki (personal), from Los Angeles, Cal., \$25; "Jack" Trepel, Brooklyn, N. Y., \$5.

For two years—Claypool Hotel Florist, Indianapolis, Ind., \$5.

For three years—C. L. Humphrey, Zanesville, Ohio, \$10.

Total \$205. Previously reported from all sources, \$29,993. Grand total, \$30,198.

JOHN YOUNG, Secy.

National Headquarters,
1170 Broadway, New York.

Clubs and Societies

NEW YORK FEDERATION OF HORTICULTURAL SOCIETIES AND FLORAL CLUBS

The winter season of the New York Federation of Horticultural Societies and Floral Clubs was held in Ithaca in connection with Farmers' Week, February 12, 1918. The lectures were much better attended than had been anticipated and twenty-seven delegates were present from the New York Florists' Club, Buffalo Florists' Club, Rochester Florists' Club, Syracuse Rose Society, Syracuse Florists' Association, New York & New Jersey Plant Growers' Association, Binghamton Florists' Association.

At 9 a. m. C. L. Thayer, instructor in floriculture, gave an illustrated lecture on "Some Herbaceous Perennials of Commercial Value." He was followed by Dr. A. C. Beal on "What Research Can do for the Florist." Dr. Beal reviewed in a general way, the work which the experiment stations have already done and outlined those types of commercial work which he considered to be of the most importance to the commercial florist. Dr. L. M. Massey was prevented because of illness from giving his paper on "Diseases of Roses;" Dr. Donald Reddick of the Department of Plant Pathology spoke for Dr. Massey. Professor F. W. Morse of Amherst, Mass., who was to have lectured, was also prevented from being present and Professor E. O. Fipin of the Department of Soils gave a very valuable talk on "Soils for Greenhouse Crops."

At 1 p. m. a luncheon at the Clinton House was given the delegates by the Department of Floriculture and proved a most enjoyable occasion.

At 3 p. m. a round table discussion was held on the subject of "How the Agricultural College can best serve:"

- (a) The Cut Flower specialist—Robt. Simpson, Clifton, N. J.
- (b) The Plant specialist—Anton Schultheis, College Point N. Y.
- (c) The Retailer—W. A. Adams, Buffalo, N. Y.

The business meeting which was to have been held at four o'clock was postponed until the International Flower Show in New York City next month, because of the absence of President F. R. Pierson, and also because the Buffalo and Rochester delegates were obliged to leave earlier than they had anticipated because of a change in the train schedule. This meeting, however, will be held in New York on Monday afternoon, March 15, at four o'clock.

The following delegates were present:

W. F. Bultman, Syracuse, N. Y.; Frederick Scheroun, Syracuse, N. Y.; R. J. Rosbilly, Ithaca, N. Y.; F. H. St. George, Buffalo, N. Y.; J. J. Riebling, Buffalo, N. Y.; E. W. Wierck, Buffalo, N. Y.; O. J. Klingenberg, Buffalo, N. Y.; J. M. Fiebelkorn, Buffalo, N. Y.; Anton Schultheis, College Point, N. Y.; Frank H. Trautendy, New York City; H. S. Morgan, Auburn, N. Y.; H. E. Bates, Rochester, N. Y.; Herbert H. Hill, Wilkes-Barre, Pa.; Robert Simpson, Clifton, N. J.; Wm. L. Kasting, Buffalo, N. Y.; J. W. Hancock, Wyncote, Pa.; W. A. Adams, Buffalo, N. Y.; A. M. Fancher, Binghamton, N. Y.; John L. Robert, Syracuse, N. Y.; George W. Arnold, Ensenore, N. Y.; A. C. Beal, Ithaca, N. Y.; David Lumsden, Ithaca, N. Y.; C. L. Thayer, Ithaca, N. Y.; S. C. Hubbard, Ithaca, N. Y.; David Murray, Ithaca, N. Y.

E. A. WHITE, Secy.

NASSAU COUNTY HORTICULTURAL SOCIETY.

At the monthly meeting of this society Feb. 13th awards were as follows: Cyclamen, 1st Thos. Twigg; Cyclamen, certificate of culture to Robt. Jones. Mr. Jones gave a short practical talk on his method of growing cyclamen. Chas. Young and William Milstead of Glen Cove, were elected to membership. An essay written by H. B. Dörner, entitled "What the Universities are Doing For Floriculture" was read by Ernest Westlake. Competition for next monthly meeting March 13th, will be on one pot or pan of tulips; one cineraria and three heads of lettuce.

HARRY GOODBAND, Cor. Secy.

ILLINOIS STATE FLORISTS' ASSOCIATION.

The annual meeting of The Illinois State Florists' Association will be held

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MEETINGS NEXT WEEK.

Monday, Feb. 25.

Florists' and Gardeners' Club of Rhode Island, Swartz Hall, Providence, R. I.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

Tuesday, Feb. 26.

Newport Horticultural Society, Newport, R. I.

Tarrytown Horticultural Society, Tarrytown, N. Y.

Wednesday, Feb. 27.

Oyster Bay Horticultural Society, Oyster Bay, N. Y.

Friday, March 1.

North Shore Horticultural Society, Manchester, Mass.

North Shore Horticultural Society, Lake Forest, Ill.

Pasadena Horticultural Society, Pasadena, Cal.

People's Park Cottage Gardeners' Association, Paterson, N. J.

Yonkers Horticultural Society, Yonkers, N. Y.

Saturday, March 2.

Pacific Coast Horticultural Society, San Francisco, Cal.

in The Floricultural Building, adjoining the greenhouses at the University of Illinois, Urbana, Tuesday and Wednesday, March 5 and 6. Every florist in the State of Illinois is invited to attend. Better lay your plans now, so as to be there. The inspection of the greenhouses and the experiments being carried on there will be profitable for any florist. Be sure to come and see them. If you have any trouble with plant diseases tell them and let the University help you.

An interesting program is being prepared, so come and take part in the discussions.

Yours very truly,

I. L. PILLSBURY, Pres.

Chicago to Champaign.

The annual meeting of the Illinois State Florists' Association will be held in the floricultural building adjoining the University of Illinois, Urbana, March 5-6. A very instructive programme has been prepared and every florist in the state is invited to attend and take part in the discussions. The Chicago party will leave the Park Row station, via the Illinois Central railroad, March 5, at 9.15 a. m., due at Champaign, 12.12 p. m. The fare in each direction to Champaign, the railroad station for Urbana, is \$2.52, plus 20 cents war tax. No reduction is made for the round trip. There is no party rate.

Other trains are as follows:

Leave Chicago.	Due Champaign.
2.10 A. M.	5.35 A. M.
7.30 A. M.	12.01 P. M.
5.20 P. M.	9.05 P. M.
6.35 P. M.	9.45 P. M.
9.45 P. M.	12.43 A. M.

MICHAEL BARKER, Chairman,
Chicago Florists' Club
Transportation Committee.

The Spring Flower Show of the Massachusetts Horticultural Society will be held in Horticultural Hall, Boston, March 13 to 17, inclusive, and the trustees have determined to donate the entire proceeds of this Show to the Red Cross. The Red Cross is naturally much interested in the success of the Show and is going to co-operate to the fullest extent.

AMERICAN ROSE SOCIETY.

The American Rose Society will hold its annual exhibition and annual meeting at the Grand Central Palace, New York City, March 14th to 21st. The plan had been to go to St. Louis for the proposed show in April, but the conditions of the weather and coal and the upset in routine business make it impracticable to hold it there. These flower shows help to make not only the suburban but the city home pleasant and cheerful. Flowers convey in their presence the spirit of cheer and the spirit of consolation, and no flower exceeds the rose in this respect.

The American Rose Society wants to do everything that it can to make the exhibition a success. During the last two years there has been a large increase in the amateur membership. The first rose show for the development of popular interest in the rose was held in New York City. The increase in amateur membership was due largely to the ability of the Society to issue the illustrated Annual, edited by J. Horace McFarland. This Annual was something that could be sent to all parts of the country and it carried with it fine pictures and good instructions.

The original lay-out of the Rose Society was to have an exhibition each year, during the period of Lent and also encourage public flower shows in the rose season—June. It has been planned to have this year, in Elizabeth Park, Hartford, Conn., a show of great beauty. The Park Department of that city started a Rose Garden that caused much interest, and gained fame. They also started a test garden to try out the suitable roses for outside culture. This year, preparations have been made to have a special public rose week in June, and the American Rose Society will make every effort to bring its members to Hartford for this occasion. In the meantime, we want every member that we can reach to boom the coming exhibition.

BENJAMIN HAMMOND, Pres.
Beacon, N. Y.

Allen L. Jenkins of Shrewsbury was the speaker at the meeting of the Worcester County Horticultural Society on February 14. His subject was "Growing and Exhibiting Flowers."

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Supported by the income of a bequest by the late Judge Addison Brown, aided by subscriptions.

The second volume has recently been completed; the third volume will be issued during 1918; each volume contains 40 full-page colored illustrations.

Additional subscriptions, for the whole work only, are invited at \$30, being \$10 per volume. Sample parts will be mailed on request.

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CRATAEGUS HOLMESIANA.

The Crataeguses, always beautiful and popular denizens of the woods and gardens, have come to special prominence in recent years through the work of research and classification by Professor C. S. Sargent of the Arnold Arboretum. *Crataegus Holmesiana*, of which a beautiful specimen is illustrated on our title page is a very handsome flowering tree, growing to a height of 30 feet. It is found wild in Western New York and Pennsylvania and contiguous section of Canada. It was named by Prof. Sargent.

A committee to stimulate interest in the growing of roses and to organize in the various cities and towns of Central New York societies, similar to the Syracuse Rose Society is announced by the Rev. Dr. Edmund M. Mills, president of the local society and chairman of the committee of the State Federation of Horticultural Societies and Floral Clubs, which is undertaking a state wide campaign. Mrs. Burton R. Michael, of Syracuse, heads the Central New York committee, which includes Mrs. George W. Watkin, of Oswego, and Mrs. J. E. Barton, of Parish.

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Retail Prices on Vegetable Seeds.

The following table has been compiled from a large number of retail mail order catalogs received from representative seedsmen. The prices given after each crop represent retail prices of standard varieties for 1918, and for the same varieties in 1917. So-called novelties were not included. It will be seen that all prices in 1918 are higher than those in 1917. The increases range from about 5 per cent. on celery up to 260 per cent. on Swede turnips. The average increase in catalog prices on all the vegetable crops listed as shown by this table is about 60 per cent.

A study of the catalogs shows that some seedsmen have endeavored to maintain prices on many items approximately the same as or but slightly above those of last year, while other seedsmen have raised their prices materially on practically all the items.

Crop	1918		1917	
	Cents per oz.	Cents per lb.	Cents per oz.	Cents per lb.
Beet, Garden ..	20	234	13	132
Beet, Mangel ..	13	132	8	57
Cabbage	45	595	25	298
Carrot	22	223	14	142
Celery	54	635	52	597
Cucumber	14	177	11	93
Lettuce	15	141	14	134
Muskmelon ..	17	152	16	117
Watermelon ..	12	97	11	79
Onion Seed ..	55	516	23	250
Parsley	13	107	11	88
Parsnips	18	176	10	68
Radish	21	167	10	67
Spinach	19	212	11	89
Squash—				
Summer	14	138	10	94
Winter	15	148	12	96
Tomato	38	411	20	297
Turnip—				
English	18	196	10	69
Swede	22	235	9	65
Beans—				
Dwarf Snap ..	79	43	62	32
Garden Pole ..	76	41	45	26
Peas, Garden ..	61	37	43	23
Sweet Corn ..	61	38	47	26

Kentucky Blue Grass in Missouri and Iowa

Next to Kentucky, the largest producer of blue grass in the country, Missouri and Iowa rank as heavy producers of this seed, their combined normal crop amounting to from 150,000 to 175,000 bushels (14 pounds to the bushel) of stripped or rough seed, and when re-cleaned about 65 per cent of this is estimated as good, clean seed ready for market. Missouri and Iowa produced in 1917 only about 55,000 bushels stripped seed, Missouri being the larger producer of the two. The seed this year is of good quality, as to weight, color and germination, and seed when re-cleaned will make 21 pound to 24 pound stock. There being practically no old seed carried over by jobbers, and very little by the farmers, the new seed has all moved from the producer at good prices, ranging from \$1.00 to \$1.75 per bushel,

Flower Seeds, Cannas, American Grown Gladioli, Etc.

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GREENHOUSES OF EX-EMPEROR LI, SEOUL, KOREA.



An interesting photograph picked up by R. M. Ward on his recent visit to the Orient.

the bulk of the seed being bought at about \$1.60 per bushel. The total re-cleaned seed from this section was about fifteen cars of 30,000 pounds each. This supply is insufficient to meet normal demands and in consequence considerable seed has been shipped in from Kentucky. The general movement of seed in carlots takes place during November, December and January, while local movement is best in March.

Boosting the Bean

At the Farmers' Week Conference in State College, Pa., on December 29, Professor John R. Bechtel, a vegetable growing expert, talked about beans. He said the price is now five hundred per cent. higher than before the war. He urged the growing of pea, or navy beans by farmers as the most likely variety to succeed if planted at the rate of three pecks to the acre, with rows twenty-eight inches apart. The best planting time was placed from June 1 to 25. All discolored beans he suggested, should be discarded at planting time to avoid disease, which is impossible of control, except through careful seed selection.

Beans, which he characterized as the great wartime food, were said to

be grown successfully if the land was well drained and was given thorough preparation before planting. If sod is turned under, said the speaker, no fertilizer is needed on good soil other than two hundred or three hundred pounds of acid phosphate to the acre. The average yield of beans was said to be about eleven bushels per acre, with twenty to thirty bushels sometimes grown by successful farmers. The cost of production was placed at thirty-five dollars to fifty dollars an acre. With beans selling at ten dollars a bushel wholesale and with no reduction in sight, Professor Bechtel advised Pennsylvanians to get into the bean-growing game next season.

Wichita, Kan.—J. J. Campbell and Alfred Ross Campbell have opened a seed store under the name of the Campbell Seed & Supply Co.

LILIUM GIGANTEUM

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Of Interest to Retail Florists

NEWS NOTES.

Albany, N. Y. A large window in the Arcade florist shop at Howard and South Pearl streets was blown in last Saturday afternoon by the wind. No one was hurt.

Salem, N. J.—L. Cunningham has accepted the Salem agency for the Lawnside Greenhouses of Woodstown and will have cut flowers and plants on sale in his store, No. 213 East Broadway, in the store formerly occupied by Florist West.

Worcester, Mass.—Leonard C. Midgley, a Westboro florist, has been appointed to have charge of the Worcester city gardens for the coming year. Mr. Midgley plans to start the work as soon as the frost leaves the ground. He is now listing all the tracts of land, and expects to have about 3000 of these for people who wish to raise their own garden truck.

Highland, N. Y.—Alleging that as a result of the failure of the Highland Water Company of Highland to supply them water, their entire supply of ferns and their boilers were destroyed, Alfred and Conrad Ley, florists of Highland through their attorney, John E. Mack, have brought suit against the water works company to recover damages amounting to \$8,000.

Poughkeepsie, N. Y.—A defective flue is blamed for the fire which caused a loss of \$2,000 at the greenhouses of Murphy & Schaumburg on the night of February 5. Considering the handicaps which they faced the firemen did exceptionally good work. The mercury registering below zero, the firemen suffered in the cutting wind from the north. They managed to confine the blaze to the boiler room, where the fire started. Sections of the greenhouses were also destroyed. The heating system was crippled and this resulted in a loss of many plants.

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JOSEPH BARNIT, JR.

Our readers, especially those in New York City, many of whom know the young man whose portrait appears herewith, will be interested to know that he is one of those who were saved from the ill-fated Tuscania, sunk in the North Channel by a U-boat. This



JOSEPH BARNIT, JR.

young man was in the employ of Alexander McConnell for many years as is also his father who, with his mother, was in great distress for a few days until a cable came announcing their son's safe arrival. Joseph Barnit, Jr., enlisted in the 213th Aviation Corps about two months ago.

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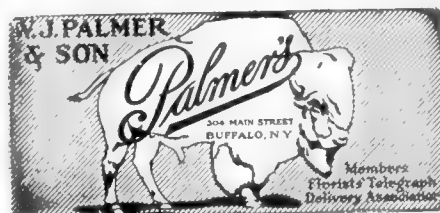
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2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON Feb. 21		ST. LOUIS Feb. 18		PHILA. Feb. 18	
Roses						
Am. Beauty, Special	35.00	to 50.00	40.00	to 50.00	60.00	to 75.00
" " Fancy and Extra	15.00	to 25.00	20.00	to 30.00	25.00	to 60.00
" " No. 1 and culls	4.00	to 8.00	5.00	to 15.00	5.00	to 10.00
Russell, Euler, Mock	4.00	to 12.00	8.00	to 25.00	6.00	to 35.00
Hadley	4.00	to 15.00	.....	to	6.00	to 20.00
Arenberg, Hoosier Beauty	4.00	to 12.00	.....	to	5.00	to 15.00
Ward	4.00	to 10.00	3.00	to 10.00	4.00	to 6.00
Killarney, Radiance, Taft	4.00	to 12.00	4.00	to 10.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon	4.00	to 15.00	5.00	to 15.00	4.00	to 15.00
Carnations	1.00	to 3.00	1.50	to 3.00	2.00	to 4.00
Cattleyas	25.00	to 50.00	50.00	to 75.00	20.00	to 50.00
Dendrobium formosum	.....	to 50.00	.....	to .....	.....	to
Lilies, Longiflorum	8.00	to 10.00	.....	to 12.50	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	.....	to .....	.....	to
Callas	12.00	to 16.00	10.00	to 12.00	10.00	to 12.00
Lily of the Valley	6.00	to 10.00	.....	to 8.00	5.00	to 10.00
Snopdragon	6.00	to 10.00	.....	to	3.00	to 15.00
Violets	.35	to .75	.20	to .40	.25	to 1.00
Freesia	1.00	to 3.00	.....	to 3.00	2.00	to 5.00
Narcis, Paper White	1.00	to 2.00	.....	to 3.00	2.00	to 3.00
Roman Hyacinths	1.00	to 3.00	.....	to	2.00	to 3.00
Tulips	3.00	to 4.00	4.00	to 5.00	4.00	to 6.00
Daffodils	1.00	to 3.00	.....	to .....	.....	to
Calendula	2.00	to 3.00	.....	to	1.50	to 4.00
Mignonne	3.00	to 4.00	.....	to	2.00	to 4.00
Sweet Peas	.50	to 1.00	.40	to 1.50	.50	to 2.00
Marguerites	2.00	to 4.00	.....	to .....	.50	to 2.00
Gardenias	15.00	to 35.00	.....	to	5.00	to 25.00
Adiantum	1.00	to 1.25	.....	to 1.00	1.50	to 2.00
Smilax	20.00	to 25.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	25.00	to 50.00	2.00	to 50.00	2.00	to 60.00

WILLIAM F. KASTING Co. Wholesale Florists

568 570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

BOSTON Business is slow this week with market values moving gradually downward. Roses, which have held up well thus far are now showing weakness in price which only requires a little more of spring influence to make it more serious. There are plenty of flowers of all classes coming in—too many, in fact, in some lines. Shipping trade has fallen off to a considerable degree. Valentine's Day business is variously sized up by different dealers as to its volume, some reporting an increase and others saying that they had not experienced any advance over previous years.

A more hopeful feeling **CHICAGO** prevails in the market, now that shipping conditions are more favorable and stock is reasonably certain to be carried to its destination safely and on time, and business has received a new impetus. Home sales are not increased to any marked degree and the probabilities are that they will not at present, still there are more calls for flowers from local florists and the everyday demands more nearly use up the stock than a month ago. Flowers for funerals are especially in demand and the large number of lilies now coming are being used to good advantage. The shortage is still felt in roses, but is not felt as much as if social events were not so few. The coming of Lent seemed to make little difference and it is generally believed to be true that there is less difference each year. Spring flowers fill the counters. It seems as if every bulb grew and blossomed this year and as if every grower planted an unusual number of bulbs. Carnations are plentiful and demand is fair.

Valentine's day was **CLEVELAND** a heavy one for Cleveland florists as usual. Business is reported satisfactory on the whole. Prices are more nearly normal than for the past six months. All seasonable flowers are plentiful.

A fair amount of activity among the wholesale buyers livened the end of last week and first part of the present but it fell off and the middle of the week sees the market with a heavy overstock and a noticeable dearth of buyers. Bulbous material is in excessive supply. Paper white narcissi are the worst offenders in this respect but the daffodil section is not far behind and lilies move too slowly for the quantity in stock. Tulips are fairly plentiful and some of them are very nice. Roses are still in the lead as to selling quality, the lesser grades having the greater popularity. Quality is good in the rose supply generally. Carnations continue to drag along at unremunerative values with much unsold and consequently unattractive stock in sight. The orchid situation is not at all exhilarating. Cattleyas are seen in large numbers, many of them undersized, but all finding a very unappreciative market. There are plenty of oncidiums of various species but these bright decorative flowers are



IRIS

The early varieties are arriving and very choice quality they are, mostly *Filifolia* and *Tingitana* (lavender).

\$1.50, \$2.00 Per Dozen
\$12.00 Per 100

Everything in Plants, Cut Flowers, Greens, Ribbons and Supplies.

PUSSY WILLOWS
Per bunch, 25c., 50c., 75c., \$1.00

S. S. PENNOCK CO.

THE Wholesale Florists of **PHILADELPHIA**

NEW YORK **PHILADELPHIA**
117 W. 28th St. 1608-1620 Ludlow St.
BALTIMORE **WASHINGTON**
Franklin & St. Paul Sts. 1216 H St., N.W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Feb. 18		CHICAGO Feb. 11		BUFFALO Feb. 11		PITTSBURG Feb. 4	
Roses								
Am. Beauty, Special.....	35.00	to 40.00	40.00	to 50.00	50.00	to 60.00	40.00	to 50.00
" " Fancy and Extra.....	25.00	to 30.00	30.00	to 40.00	30.00	to 40.00	20.00	to 35.00
" " No. 1 and culls.....	10.00	to 15.00	10.00	to 20.00	25.00	to 30.00	10.00	to 15.00
Russell, Euler, Mock.....	8.00	to 15.00	6.00	to 25.00	6.00	to 10.00	8.00	to 25.00
Hadley.....	8.00	to 15.00	5.00	to 15.00	6.00	to 12.00	.....	to
Arenberg, Hoosier Beauty.....	6.00	to 12.00	5.00	to 15.00	3.00	to 6.00	6.00	to 12.00
Ward.....	4.00	to 10.00	5.00	to 12.00	6.00	to 10.00	6.00	to 12.00
Killarney, Radiance, Taft.....	4.00	to 10.00	5.00	to 15.00	5.00	to 15.00	6.00	to 12.00
Ophelia, Sunburst, Hillingdon.....	6.00	to 15.00	4.00	to 4.00	3.00	to 5.00	2.00	to 4.00
Carnations	2.00	to 4.00	1.50	to 4.00	1.00	to 5.00	4.00	to 60.00
Cattleyas	.....	to 75.00	40.00	to 60.00	50.00	to 60.00	.....	to
Dendrobium formosum.....	.....	to .....	.....	to .....	.....	to .....	.....	to
Lilies, Longiflorum	10.00	to 12.00	8.00	to 12.00	8.00	to 12.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	4.00	to 8.00
Callas	8.00	to 10.00	8.00	to 12.00	10.00	to 15.00	.....	to
Lily of the Valley.....	.....	to 6.00	5.00	to 6.00	8.00	to 10.00	.....	to
Snaptagon	4.00	to 8.00	5.00	to 6.00	4.00	to 8.00	4.00	to 8.00
Bouvardia.....	.....	to 6.00	4.00	to 6.00	.....	to .....	.....	to
Violets.....	.75	to 1.00	.75	to 1.00	.60	to .75	.35	to .75
Freesia	2.00	to 4.00	3.00	to 5.00	3.00	to 5.00	4.00	to 6.00
Narciss. Paper White	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00
Roman Hyacinths	3.00	to 4.00	2.00	to 3.00	2.00	to 4.00	2.00	to 4.00
Tulips	4.00	to 6.00	4.00	to 6.00	4.00	to 6.00	4.00	to 6.00
Calendula	2.00	to 4.00	2.00	to 3.00	2.00	to 3.00	3.00	to 5.00
Mignonette	4.00	to 6.00	4.00	to 6.00	4.00	to 6.00	2.00	to 5.00
Sweet Peas.....	.75	to 2.00	1.00	to 2.00	1.00	to 2.50	.75	to 3.00
Marguerites.....	.....	to 1.00	.....	to	1.00	to 1.50	1.00	to 3.00
Gardenias.....	.....	to	20.00	to 25.00	15.00	to 20.00	.....	to
Adiantum.....	.....	to 1.00	1.00	to 1.25	1.00	to 1.25	1.00	to 1.25
Smilax.....	.....	to 15.00	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	35.00	to 60.00

also difficult to dispose of. Violets are good but values rule low. Gardenias vary as to quality and some more so as to price for which they can be sold. Some very fine white lilac is in evidence, also a small amount of *Acacia pubescens* and an occasional vase of purple bulbous iris.

Gardenias and **PHILADELPHIA** orchids are the only redundant items on the market here at present. Everything else seems to clean up pretty well. American Beauty roses are more plentiful than usual for the time of year. Long-stemmed Hadleys

are a feature. In fact most of the roses at present seem to run to good stems. The shorts have run up about one-third in price in consequence. Carnations are very fine, but too low in price—thirty per cent. less than last year, whereas they ought to have been that much higher to cover the increased cost of production. Iris *filifolia* and *tingitana* are among the novelty features.

Business conditions continue as good as can be expected. St. Valentine's Day proved to be about on

(Continued on page 187)

H. BAYERSDORFER & CO. Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 28th St., NEW YORK
Telephones: 2206, 2201, Madison Square.

WM. P. FORD

Wholesale Florist
107 W. 28th Street, NEW YORK

Telephone 2447 Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignment 1111
Phone Farragut 4336

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Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building
Tel. 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT
WHOLESALE FLORIST

109 WEST 28th ST
CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 8870 Farragut.

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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

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ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

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55 and 57 W. 26th Street, - - NEW YORK

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ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3864 and 8364 Madison Square

57 WEST 26th STREET

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 13—8510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Feb. 16 1918		First Part of Week beginning Feb. 18 1918	
American Beauty, Special	25.00	to 40.00	30.00	to 40.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	5.00	to 6.00	5.00	to 6.00
Russell, Euler, Mock	5.00	to 15.00	5.00	to 15.00
Hadley	5.00	to 50.00	5.00	to 50.00
Arenberg, Hoosier Beauty	5.00	to 10.00	5.00	to 10.00
Ward	5.00	to 8.00	5.00	to 8.00
Killarney, Radiance, Taft	5.00	to 8.00	5.00	to 8.00
Ophelia, Sunburst, Hillingdon	5.00	to 12.00	5.00	to 12.00
Key	5.00	to 12.00	5.00	to 12.00
Carnations	2.00	to 4.00	2.00	to 4.00

GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS

129 West 28th Street

Tel 6237 / 3563 Farragut

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-423 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 684,
NEW YORK.

Flower Market Reports

(Continued from page 185)

a par with that of last year, notwithstanding the general adverse conditions. There was plenty of stock which moved along well at the usual prices. Violets were not at all in favor, orchids and sweet peas being the flowers of the day.

Market condition
ROCHESTER has improved and has been the source of much encouragement to all the florists. St. Valentine's day was larger than previous years and stock was very plentiful. Quantities of bulbous stock are seen everywhere and most of it is sold considerably cheaper. Roses are plentiful, except Ward, Sunburst and Ophelia, of which there is only a limited supply. Mignonette, snapdragon and daisies are seldom seen. Sweet peas are in splendid condition. Carnations are in large supply, and many are disposed of by street vendors. Potted bulbous stock drags slightly.

Good business was had
ST. LOUIS for St. Valentine's Day, especially transient trade. Roses are still scarce. Carnations show increased supply, also violets and sweet peas. Bulbous stock a fair supply. Greens sell well.

THE HOLLAND-AMERICA IMPORTATIONS.

The perplexities attendant upon the unloading and examination of the seven thousand cases of plants and bulbs, which came to New York on the Nieuw Amsterdam, were satisfactorily solved at a meeting on Thursday, February 15, of interested importers with the deputy collector on the dock at Hoboken. As stated in our notes last week the navy department had undertaken for special reasons to make inspection of the goods, and their methods of examination and repacking brought consternation to the importers. The latter entered a strong plea to have their various shipments sent to destination and inspected there but that was proven to be impossible under the law except on bonded goods and the statements circulated last week that this request had been granted were not correct. But it is evident that the navy people found out that they had undertaken something more than they could properly handle and were satisfied to turn over the job to the custom house authorities, who soon were able to adjust the operations to the satisfaction of the importers and since then the discharging of the goods and all necessary formalities have gone along merrily. Further, the contents of the cases have been found in much better condition than expected.

CLEVELAND.

Edwin A. Reeves, nurseryman, on Noble Road, will receive \$11,175 as the price which the Cleveland Heights board of education must pay him for land to be used as a playground. The price was fixed by a jury in insolvency court.

Cleveland dealers who have re-

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Feb. 16 1918		First Part of Week beginning Feb. 18 1918	
Cattleyas.....	15.00	to 35.00	15.00	to 35.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	4.00	to 8.00	4.00	to 10.00
Lilies, Speciosum.....	3.00	to 8.00	3.00	to 8.00
Callas.....	15.00	to 20.00	15.00	to 20.00
Lily of the Valley.....	2.00	to 5.00	2.00	to 5.00
Snapdragon.....	2.00	to 15.00	2.00	to 15.00
Iris.....	8.00	to 12.00	8.00	to 12.00
Violets.....	.30	to .50	.30	to .40
Freesias.....	1.00	to 3.00	1.00	to 2.00
Narcis, Paper White.....	.75	to 1.50	.75	to 1.50
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Tulips.....	2.00	to 4.00	2.00	to 4.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	3.00	to 4.00	3.00	to 4.00
Sweet Peas.....	.50	to 2.00	.50	to 2.00
Marguerites.....	1.00	to 3.00	1.00	to 3.00
Gardenias.....	8.00	to 30.00	8.00	to 30.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	12.00	to 6.00	12.00	to 16.00
Asparagus Plumosus, & Spreng. (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

SINGLE VIOLETS WANTED

Violets and novelties are my Hobby. Consign your flowers to me. I can sell them to your satisfaction.

CLARENCE SLINN, 112 W. 28 St.
NEW YORK

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street

Telephone No. 755 **NEW YORK**
Farragut

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consigners Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5891.

ceived shipments of fruit trees from France have found them badly frozen. Many of them may be saved by placing them in warehouses where they will thaw out slowly.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

B. S. SLINN, Jr.

55 and 57 W. 26th Street, NEW YORK

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Cut Flowers of All the Leading Varieties in their Season.

THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Est. 1765

Inc. 1904

Pot Makers for a
Century and a Half**HEWS****STRONG
RED
POROUS****POTS**World's Largest
ManufacturersStandard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower.
Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.Write for Catalogue
and Discounts**A. H. HEWS & CO., Inc., Cambridge, Mass.**Warehouses:
CAMBRIDGE, MASS.
NEW YORK, N. Y.**LOCAL AND GENERAL NEWS****BOSTON.**

A pale yellow calceolula grown by R. D. Kimball of Waban is a rather attractive novelty in the flower market. It makes a nice contrast with the common orange variety.

The wholesale flower establishment of D. & E. J. Welch has been closed. Since the death of his brother David, Ed Welch has been in very poor health and he has decided to discontinue the business.

A petition with thirty-one signatures having been filed, a special meeting of the Massachusetts Horticultural Society will be held on March 9th to discuss prizes, exhibitions and appropriations for 1918.

Messrs. R. & J. Farquhar & Co., whose houses of cyclamen were badly infested with mite which came on tuberous begonias and gloxinias imported from Holland, have completely exterminated the pest by the application of a heavy dose of soot. This is worth keeping in mind.

Members of the National Canners' Association, seedsmen and others and the ladies who were here for their convention, to the number of 3,000 were the guests of the American Can Company at one of the largest theatre parties ever given in New England, on the closing night of the convention. Every seat in both the Colonial and Plymouth theatres had been purchased for the performance of "Hitchy-Koo" and "Nothing but the Truth" and everyone had a fine time. At each theatre a service flag representing the 1,580 employees of the American Can Company who are in different branches of the military service of the United States was displayed.

Richard W. Burnes, counsellor at law, Boston, states that he has been consulted with reference to the liquidation of the Gaedeke Greenhouses, Inc., a corporation duly established under the laws of the State of Massachusetts and formerly having an usual place of business in Nashua, New Hampshire, and that after an examination of its affairs he is unable to find any assets which can be converted for the benefit of its creditors. This company should not be confounded with the Gaedeke-Nashua Greenhouses (Incorporated), a New Hampshire corporation organized December 3, 1917, which acquired by purchase the realty and personality

upon and by which the business of the Gaedeke Greenhouses, Inc., was formerly conducted on lease. He is offering on behalf of the stockholders or directors of the Gaedeke Greenhouses, Inc., the Massachusetts corporation, to adjust the claims against said corporation on the basis of 10 per cent. of the amount of claim.

ST. LOUIS.

H. G. Berning is suffering from blood poison in his hand.

Shaw's Garden advertises a spring Flower Show now that the National has been postponed.

Grimm & Gorly have the decorations for the Automobile Show at the Old Southern Hotel, which has been remodelled to be used for show purposes.

A gale swept over St. Louis and county, Thursday, 14th, causing considerable damage in glass. W. J. Pilcher's smoke stack was blown down. O. H. May, W. R. Rowe, also of Kirkwood, suffered damage.

The St. Louis Florist Club met Thursday afternoon at the store room of Wm. C. Smith Wholesale Floral Co. A letter was sent to George Waldbart congratulating him on his restoration to health. There was discussion on Publicity. It was suggested that special days and special prices during the glut be advertised and all florists be supplied at the same price.

PITTSBURGH.

William A. Clarke of the Pittsburgh Cut Flower Company has gone to Battle Creek, Mich., for a period of recuperation.

Norbert Huttinger, who enlisted some time ago in the U. S. N., left on Thursday for the training station at Newport, R. I.

The marriage of James Murray McGrew to Miss Elsie Ensler took place last Thursday morning. Immediately after they left for a wedding trip to Cleveland, Ohio.

The Pittsburgh Florists and Gardeners' Club met on Tuesday evening of last week with representatives present from the Horticultural Society of Western Pennsylvania and the Sewickley Horticultural Society. It was decided to eliminate the elaborate features planned for the big autumn flower show. Instead of Motor Square Garden, the headquarters will be in one of the downtown hotels, probably the William Penn.

NEW YORK.

Frank Millang, Jr., is jubilant over his appointment as a justice of the peace at Yorktown Heights.

B. S. Slinn, Jr., who went to Florida suffering from a serious case of blood poisoning has returned much improved.

Doubleday, Page & Co. have moved their city headquarters from No. 11 to 120 West 32nd street. Visitors are invited to call.

Geo. W. Crawbuck Co., Inc., formerly located at 47 West 28th street, has opened a wholesale flower business at 151 Lawrence street, Brooklyn.

S. Kahn, a young grower of Staten Island, has the distinction of having sent in the first Darwin tulips of the season on February 15. They were sold at the United Cut Flower Co., bringing \$1.25 and \$1.50 per dozen.

All the stock of bulbs, roots and manettis received on the S. S. Nieuw Amsterdam, when opened appears to have been in excellent condition despite its long confinement in the cases; so reported by Hogewoning, Rolker, Pierson and others.

The Flower Show Committee had a well-attended meeting at the Grand Central Palace last Monday afternoon, nearly twenty gentlemen being present. All reports and views were roseate and a very optimistic feeling prevailed. The representation of large private collections will be considerably reduced but the commercial growers are enthusiastic and ready to fill in the gap.

ROCHESTER, N. Y.

In Salter Bros.' window were displayed Dutch figure vases of spring flowers and birchbark boxes of cyclamen. In the back grounds was a large red heart with cupids.

The bankruptcy stock of Frank R. Bohnke will be sold at public auction this week at their greenhouse at 84 Miller street. The stock includes tulips, hyacinths and carnation plants and the entire fixtures, and auto etc.

J. B. Keller Sons in their St. Valentine's window made a radical department using pink entirely instead of red. Two cupids were suspended from the ceiling holding a string of pink hearts. Large pink heart boxes were placed in the foreground of the window with corsage of pink spring flowers and pussys and the background was of birch boxes of spring flowers.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
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AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

GARDENERS' & FLORISTS' CLUB OF BOSTON.

On account of the storm, there was only an attendance of about one hundred at the meeting Tuesday evening, Feb. 19th. This being Carnation night, there was a big display of blooms, and the following awards were made:

Seedlings from F. R. Cowey, Walpole, N. H., vote of thanks; White Benora from Patten & Co., Tewksbury, Mass., report of merit; White sport of Pink Delight from Strout's, Biddeford, Me., report of merit; Snow White also from Strout's, vote of thanks; Crystal White from the Cottage Gardens Co., Queens, N. Y., report of superior merit; Laddie from S. J. Goddard, vote of thanks. This variety has already received other awards at previous exhibitions.

Four vases from W. D. Howard, Milford, Mass., cultural report of merit. These were magnificent blooms of Bernice, Matchless, Pink Delight and cottage Maid. Darwin tulips, Pride of Haarlem and Dartagon, by W. W. Edgar Company, Waverley, vote of thanks. Carnation Chief Denigon, a Californian variety exhibited by Patten & Co., bloom measuring six inches in diameter, vote of thanks. Lemons grown under glass by Robert Sutherland, gardener to Chas. Storrow, Brookline, vote of thanks.

The exhibit of A. A. Pembroke, Beverly, who was laid up at home with pleurisy, was delayed in shipment, as were many others. S. J. Goddard was also prevented from attending, as he was delivering a lecture at Amherst the same evening.

It was voted to send a message to Washington to oppose the reporting the bill prohibiting the importation of foreign nursery stock.

An invitation was received and unanimously accepted from the W. W. Edgar Company to hold a field day at their establishment in Waverley on March 16th.

A communication was read from the American Dahlia Society asking for a special prize for the show and convention to be held in Boston in September.

HELP WANTED

Salesmen Wanted

We prefer greenhouse men for our salesmen. If you can make good selling an established line of greenhouse supplies, we have openings in our sales organization. Previous sales experience is desirable, but not necessary. What we want are greenhouse men who understand greenhouse problems and can talk intelligently to the greenhouse trade. In writing us, give age, references, salary expected and territory you are familiar with. Address

Key 868, care HORTICULTURE.

ber. This matter was laid over to a later meeting.

The principal speaker of the evening was Charles S. Strout, who gave quite an extensive talk on the American Carnation Society and spoke at length on the culture of carnations. He considered Matchless to be the ideal carnation of today, and that if we only had a pink and a scarlet Matchless the field would be pretty well filled. He regarded Pink Delight as the best of the color, superior to Nancy, and Ward the best of the deeper pinks. Benora held the entire field as a variegated variety. A long and interesting discussion followed, among the speakers being W. D. Howard, William Sim, James Wheeler, William Downs and others. Mr. Strout was given a rising vote of thanks.

It was announced that at the next meeting, March 19th, Increased Food Production will be the topic, the principal speaker to be W. N. Craig, and the public are cordially invited to be present. At the meeting on April 16th, E. W. Breed of Clinton will lecture on Horticultural Problems of Today.

NEWS NOTES.

Louisville, Ky.—Ernest C. Kettig, for the past 27 years superintendent of the Louisville park, has resigned, same to take effect April 1.

Mt. Sterling, Ky.—A. J. Humphries, florist, has asked for a judgment of \$800 against the Kentucky Natural Gas Co. for loss of stock by freezing, on account of low gas pressure.

Resolutions were adopted at the session of the Western New York Horticultural Society requesting the Senate not to confirm Governor Whitman's appointments to the farms and markets council and demanding that Charles E. Betts of Lyons, the present secretary of the council, resign. The preamble to the resolutions charged that Governor Whitman in his appointment broke faith with the farming interests of the state, but the resolutions expressed the fruit growers' willingness "that Governor Whitman be given another opportunity to fulfill his pledge to the agricultural organizations."

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ALYSSUM VAR. BAUDISCH.

A very pretty plant with beautiful variegated foliage. Very valuable as pot and bedding plant. Out of 2 in., \$5.00 per 100, \$35.00 per 1000; rooted cuttings, \$2.00 per 100, \$18.00 per 1000. Cash with order. EMIL H. BAUDISCH, 753 Hamilton Ave., North Bergen, N. J.

BULBS

C. KEUR & SONS, HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

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Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale. JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa. Large breeding pairs for sale. Send for price list.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

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ROSES, CANNAS AND SHRUBS. THE CONRAD & JONES COMPANY, WEST GROVE, PA.

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Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

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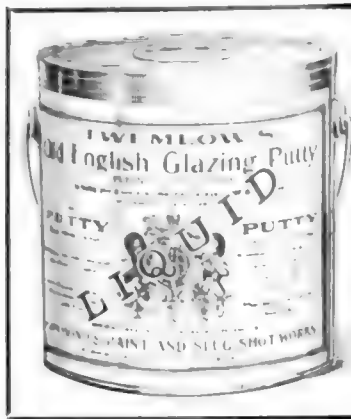
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Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.

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WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.



**Sold by Seed Dealers and Used in
New England 35 Years**

Hammond Insecticides used by Florists and Gardeners for generations, and before this our paint was used on Hot Houses because it did not wash off. Twin-mow's Putty is unexcelled.

Send for Pamphlets or Information regarding your needs.

HAMMOND'S PAINT & SLUG SHOT WORKS

Beacon, N. Y., U. S. A.

OUR PRODUCTS SOLD BY SEED DEALERS

Obituary

Mrs. Wm. Munro.

Mrs. Munro, wife of William Munro, a well-known rose grower of Garrettford, Pa., died on February 15.

Theodore Krombach.

Theodore Krombach, who has conducted a florist store at 4519 Fifth avenue, Brooklyn, N. Y., died on February 10, aged 58 years. He leaves a widow and four sisters.

Joseph S. Chase.

Joseph S. Chase, aged 91, a veteran nurseryman, peony grower and bee-keeper, of Malden, Mass., died on February 16 at his home, 140 Mt. Vernon street, where he had lived since 1865.

He was a past president of the United States Bee-keepers' Association, a charter member of the State Bee-keepers' Society and a life member of the Massachusetts Horticultural Society.

tural Society. He is survived by five children.

Alfred Patrick.

Alfred Patrick, a well-known florist of Auburn, N. Y., died on February 9, at his home, 303 South Seward avenue, after an illness of several months that followed a stroke. He was 69 years old. Mr. Patrick was born in Manchester, England. He learned the florist's business on the estate of the Duke of Manchester, of which he later assumed complete charge. He was also in business in South Wales for several years. Upon first coming to the United States, he made his home in New York City, later coming to Auburn, where he has been in business for 38 years. Besides his widow, he is survived by four sons and three daughters.

Frederick W. Boyce.

Frederick W. Boyce, aged 63, prominent florist of Utica, N. Y., died Monday night, February 11, following illness of four years heart trouble. Deceased was born December 23, 1854, in Utica. His father came to Utica from New England an experienced horticulturist and florist, located first in Hartford, Conn. He laid out Forest Hills cemetery in Utica and planted most of the trees on the State Asylum grounds. He conducted extensive gardens and greenhouses and after his death his son Fred continued the business. The late Mr. Boyce had been a florist his entire life. He leaves one brother, George Boyce, and two sisters, all of Utica.

CATALOGUES RECEIVED.

August Roelker & Sons, New York.—Special Price List of York Flower Pots. Interesting and timely.

Charles G. Curtis Company, Callicoon, N. Y.—Wholesale Price List of Hardy Native Trees and Flowering Shrubs.

J. Bolgiano & Son, Baltimore, Md.—Poultry Catalogue for 1918. A very complete catalogue of poultry sundries. Covers in colors, original in composition and quite attractive.

A. N. Pierson, Inc., Cromwell, Conn.—Wholesale Trade List, 1918. A splendid production, with all the typographical excellence and pictorial finish of a high grade retail catalogue.

Hazleton, Pa.—Conrad Ackerman, the East Beech street florist, whose

**LEMON OIL CO'S
STANDARD
INSECTICIDE**

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Aunts, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/2 Pint, 30c.; Pint, 50c.; Quart, 90c.;

1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00.

Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md

Aphine
The Insecticide that
kills plant Lice
of many species

The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

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For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

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For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

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MADISON, N. J.



Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

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Harry A. Bunyard, Mgr.**

NITRATE AGENCIES CO.

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**USE
WIZARD
BRAND
CONCENTRATED PULVERIZED
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Cattle Manure
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Sheep Manure

The Florists' standard of uniform high quality for over ten years. Specify: **WIZARD BRAND** in your Supply House order, or write us direct for prices and freight rates.
THE PULVERIZED MANURE CO.
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NIKOTEEN

For Spraying

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For Fumigating

Ask Your Dealer For It

NICOTINE MFG. CO.

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greenhouse was frozen up during the cold spell the past few weeks, will have extensive repairs made to the place.

CAN SHIP ANY SIZE AT ONCE

Telephone or Telegraph Order

at Our Expense

KROESCHELL BROS. CO., 466 W. Erie Street,
CHICAGO, ILL.



MASTICA

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Glazing
USE IT NOW
F.O. PIERCE CO.
12 W. BROUWAY
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.



DREER'S

FLORIST SPECIALTIES
New Brand New Style
"RIVERTON" HOSE

Furnished in lengths up to 100 ft. without seam or joint.

The HOSE for the FLORIST

3/4-inch, per ft., 27 c.
Reel of 500 ft. " 16 1/2 c.
2 Reels, 1000 ft. " 26 c.
1/2-inch, " 15 c.
Reels, 500 ft. " 14 1/2 c.

Couplings furnished

HENRY A. DREER
714-716 Chestnut St.,
PHILADELPHIA, PA.

GREENHOUSES BUILDING OR CON- TEMPLATED.

Fulton, Ia.—Wm. Sharfenberg, one house.

Mount Rose, N. J.—Clarence Boyle, addition.

Bloomfield, Ct.—Charles Dexheimer, Merriman avenue, one house.

BUSINESS TROUBLES.

Seattle, Wash.—C. Melby, florist, voluntary bankruptcy petition.

Maxwell B. Farquharson, of 123 Church street, New Haven, Conn., a florist, is petitioner in bankruptcy proceedings. He owes, \$2,104.52 and has \$627.79 assets. The schedule shows the following creditors: City of New Haven, \$16; Slocombe Bros., \$200; Paul E. Watson, \$135.16; Elizabeth Farquharson, \$600; A. D. deBussy, \$150; People's Bank & Trust Co., \$200; Alfred Hyren, \$79.24; John N. Champion, \$1.25; Frank S. Platt Co., \$13.70; Fred G. Horan, \$22.96; W. F. Jost, \$4; Chatfield Paper Co., \$2; J. Konick, \$5.40; Meyers Flower Shop, \$1.46; Slocombe Bros., \$13.76; J. J. Sokol, \$91.60; Doolittle Floral Co., \$46.65; John Long, \$224.90.

NEW CORPORATIONS.

Holliston, Mass.—Eastern Nurseries, Inc., capital stock, \$25,000. Incorporators, R. Frothingham, Wm. B. Baker and J. P. Jackson, Jr.

Nashville, Ark.—Ozark Seed & Plant Company, capital stock, \$30,000. Incorporators, J. S. Norman, J. Winter, Alonzo Walker and J. S. Bull.

PATENTS GRANTED.

1,251,552. Flower Pot. John C. Marks, Chicago, Ills.

1,252,627. Garden Tool. H. C. Strack, Owego, N. Y.

1,252,675. Lawn Trimmer. G. H. F. Ehmecke, Fremont, Nebr.

1,252,663. Plant Setting Machine. Jas. C. Crawford, Los Angeles, Calif.

SECTIONAL GREENHOUSES

For Commercial and
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Anyone who can handle a hammer can assemble this greenhouse. We furnish all the necessary hardware. When once erected it can remain as a permanent greenhouse, or it can be taken apart and re-erected elsewhere if necessary.

The house illustrated stands 8 1/2 ft. wide by 12 ft. long. It is made of Gulf Cypress and can be attached to the residence or garage, or put up as a separate detached house. Has 2 glass ends and doors. Equipped with 2 plant benches ventilating arrangement both sides. Has plenty of headroom and wide walk. This same house can easily be made larger at any time by adding our ready made, exact fitting units.

We build greenhouses of all styles and sizes and go anywhere in the United States to submit plans and prices.

Metropolitan Material Co.
PATENTED GREENHOUSES

1297-1325 Flushing Ave., Brooklyn, N. Y.

GLASS

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Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

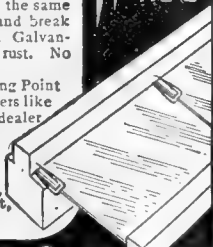
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Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid.
Samples free.
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King GREENHOUSES

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GET OUR CATALOGUE

On Ventilating Apparatus and Greenhouse Fittings
ADVANCE CO., RICHMOND, IND.

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address, **JOHN G. ESLEE, Sec., Saddle River, N. J.**



The L. H. Treadway L-shaped layout, at Cleveland, O.
The right hand house is 11 feet wide by 32 long. The other 18 feet wide by 32 long.

Not Our Opinion, But a Big Builder's

ONE DAY IN THE middle of last Winter, I drifted down the street in front of Hotel Statler, and bumped into a man who is the president of a company engaged in building operations. Knowing my connection with the greenhouse phase of building, he expressed interest in some of the Cleveland houses, put up by the various greenhouse concerns.

Happily I had my little red book along, containing a full list of them.

Now that the snow is melting and set out for the day, this one at L. H. Treadway was the last one we saw. He looked it over point by point, constantly asking questions of Robert Poole, the gardener.

Finally he turned to me and said, "Well I don't know who built this house, but whoever did, knew what they were about. It strikes me as the best piece of workmanship we have seen today."

If I was at liberty to tell you his name, you would at once appreciate the 100 per cent. value of his comment. But he made me promise not to use his name in any advertisement.

But what we can do, is give you full particulars of the house and what one like it would cost.

You know we go anywhere for business, or to talk business.

Hitchings and Company

General Offices and Factory, ELIZABETH, N. J.

NEW YORK, 1170 Broadway

BOSTON, 19 Federal Street

We are now booking orders for our Two New Roses ROSALIND and SILVIA

ROSALIND (A glorified *Ophelia*). The particular value of this variety lies in its exquisite coloring, which is entirely different from *Ophelia*. When the buds first show color they are bright coral, changing as they develop to apricot-pink, and when fully developed they are a most beautiful shell-pink. The flower is much more double than *Ophelia*, having at least one-third more petals. It is also delightfully fragrant. In habit of growth it is identical with *Ophelia*, from which it is a sport. Rosalind originated with us two years ago, and, grown side by side with *Ophelia*, is far superior to that variety.

Awarded first prize at International Flower Show, New York, March, 1917, for best new rose.

Awarded additional silver medal at same show for display of Rosalind.

Awarded silver medal by the Horticultural Society of New York.

Awarded silver medal by the Tarrytown Horticultural Society. Also numerous certificates.

SILVIA (Yellow *Ophelia*). Another beautiful sport of *Ophelia*, originating with us. The buds are long and pointed, beautiful sulphur-yellow, changing to creamy yellow as the flower opens, and when fully developed, pure waxy white. It is an unusual rose when fully expanded, five inches in diameter, and resembles the popular hardy climber Silver Moon, showing the same pronounced cluster of yellow stamens in the center. Exquisite in bud and unusually distinct and unique in the open flower.

Prices of above two varieties, strong plants, 2½-in. pots, \$25.00 per 100, \$225.00 per 1,000; 225 plants for \$60.00.

Will be disseminated Spring of 1918

FERNS

We have a fine stock of the fancy varieties of *Nephrolepis*, in extra fine shape, for immediate shipment. We offer the following:

Elegantissima compacta and *Smithii*, 3½-in. pot 25c. and 35c. each.

Elegantissima compacta, *Teddy, Jr.*, and *Superbissima*, 6-in. pans, 50c. and 75c. each.

Smithii, 5-in. pots, 50c. and 75c. each.

Smithii, 6-in. pans, 75c. and \$1.00 each.

Elegantissima compacta, *Teddy, Jr.*, and *Superbissima*, 8-in. pans, \$1.00 and \$1.50 each.

Harrisii, 8-in. pans, \$1.50 and \$2.00 each.

Elegantissima, 10-in. pans, \$3.00 and \$3.50 each.

Shipments in pots at maximum prices only.

F. R. PIERSON CO., Tarrytown, N. Y.

Vol. XXVII
No. 9
MARCH 2
1918

HORTICULTURE



Sweet Pea Burpee's Early-flowering Spencer Snowstorm

Dreer's Grand New Cannas for 1918

Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

CARMINE BEAUTY. Deep bright carmine flowers freely produced high above the heavy dark green foliage with a distinct red margin. The flowers while not as large as those of the type are of a much brighter and more pleasing tone. 4 ft. 75 cts. each; \$7.50 per doz.

CHEERFULNESS. No more appropriate name could be given to this most novelty. Its beautiful bright freckled deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre with each petal flaked with a golden variegation and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 55 cts. each; \$3.50 per doz.

CLOTH OF GOLD. A very attractive dwarf, compact-growing free-flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

DAZZLER. Time and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire-red flowers. The intensity of coloring and freedom of blooming coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$3.50 per doz.

GOLDEN EAGLE. A wonderfully intense golden-yellow. Very free upright grower. The large flowers are produced in great clusters well above the foliage. 4½ ft. 50 cts. each; \$5.00 per doz.

HARMONY. Great clusters of good-sized, well-formed Geranium-red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Altogether a dignified harmonious combination. 3½ ft. 50 cts. each; \$5.00 per doz.

POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

SENSATION. To get a sensational color-tone in a pink Canna, is particularly noteworthy. Our first impulse was to call it "La France," because the color called to mind the La France Rose, but the tone is even cleaner and purer; it being a lovely pale-rose. The foliage is a beautiful glaucous-green; the plant dwarf and compact. One of the most noteworthy additions to Cannas in recent years. 3 ft. 75 cts. each.

One each of the above Ten Novelties for \$4.00

New Cannas From Other Sources

We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

CLEOPATRA. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous-bronze foliage. This variety stands out strongly in effectiveness. 4 ft. 50 cts. each; \$5.00 per doz.

DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAG OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

LAFAYETTE. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 ft. 30 cts. each; \$3.00 per doz.

One each of the Eight Varieties for \$2.00

HENRY A. DREER,

714 and 716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only



TYPE OF NEWER CANNAS

SUPERB. This variety is unique in color and truly superb; having large, clean bright orange-scarlet blossoms of good substance, produced on strong stalks with glaucous-bronzy foliage giving a most pleasing effect. 5 ft. 40 cts. each; \$4.00 per doz.

POCAHONTAS (Bronzed-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze; one of the best recent introductions. 4 ft. 30 cts. each; \$3.00 per doz.

SAN DIEGO. Chinese-orange or Persian-yellow. The crimped petals are remarkable for substance which enables them to withstand the hot summer sun without wilting. Another charm lies in the dark bronze color of the buds which harmonize with the rich bronze foliage. 4 ft. 15 cts. each; \$1.50 per doz.

VAROUNA. We have tried this variety for several years and at all times the bright orange-scarlet flowers, combined with the good bronze foliage, has won our admiration. A free luxuriant grower, producing its flowers well above the plant. 4½ ft. 25 cts. each; \$2.50 per doz.

CERANIUMS

sorts, and many of the newer popular varieties and we have as many as you want, if it's 500,000. We are ready to make immediate shipment. 3-in., \$3.50 per 100, \$30.00 per 1,000; 10,000 for \$275.00. 2-in., \$2.50 per 100, \$22.50 per 1,000; 5,000 for \$100.00.

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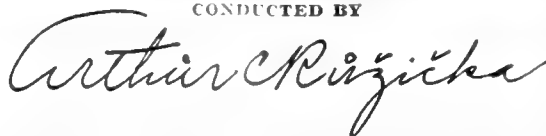
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ROSE GROWING UNDER GLASS

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Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Ruzicka. Such communications should invariably be addressed to the office of HORTICULTURE.

Supply of Potting Soil

See that the supply of potting soil is not allowed to run low, and have a few loads brought in every time there is opportunity to do so. Try to have it run as even as possible so there will be no danger of the different lots of plants behaving differently, making it much more difficult to handle them. Avoid fresh manure of any kind in the soil. If the soil has to be made, dig up some old decayed manure somewhere and mix about one-quarter manure and soil allowing this to lie at least a week before it is used. Have the soil screened as soon as dry enough and put away in the bins ready for use. The coarse pieces that are left will come in handy as crock for the larger pots later.

Temperatures in Rose Houses

This unusually severe winter has taken much more coal than was ever expected. For this reason many growers were forced to run their houses only warm enough to keep the plants healthy. Now, however, with the coming of the warmer weather the temperature should be pushed up to normal again, and plenty of air used even if a little extra coal has to be burned. It will all come back when the plants begin to bear again and with many places either not running or else devoted to vegetables, the market for stock should prove to be good. As soon as the plants begin to grow the temperature can be raised to as much as 64 nights, keeping this up until they are getting into crop when the temperature should be reduced in order to get real large heads on the stems. Houses that have had sufficient heat all winter can be run a little warmer now, too, and the air allowed to remain on a little longer in the evening. The latter is important for if coal saving is carried too far mildew is likely to follow and spread very rapidly for it likes nothing better than a damp, stagnant air, a whiff of which will be sufficient to warn the experienced grower. Watch for the cloudy, foggy days that are bound to come and keep the temperature where it should be, with sufficient ventilation to keep the air in the houses pure. It will also be well to run the houses a little warmer after each watering or syringing.

Lime

It will do the plants a heap of good to get a dose of lime now. This will help digest some of the bone, etc., that was applied since last fall and still lies unused in the soil or on the surface. Use fresh air-slaked lime free from lumps right after a crop, just before the plants are started with heavy water again, or, better still, use hydrated lime, which, however, is more expensive. It will be best to go over the benches and rub the lime in slightly before it is watered so that it will have a better chance to mix with the soil. Do not use lime on benches that have just received a dose of either manure or other feed such as bone or tankage as the lime would dissolve the latter too fast for the plants to take it. Also a lot of ammonia would be freed suddenly which would likely prove harmful to the plants.

Drainage

It will be very important to have all drain pipes working, all catch basins clean and to see that no sewer openings are stopped up, for when the thaw comes, unless the water is properly drained off it will fill in somewhere and do a lot of damage. See also that there are no puddles under the benches. Whenever water insists on collecting, open a ditch or else have a tile laid to take care of it. This should be done before the warmer nights of spring come so that the air can be kept dry and sweet. Nothing will pollute the air more quickly than a lot of smelly stagnant water lying here and there. With a little digging these places can be easily drained.

Conserving the Place

Now with cost of all materials away up, repairs and rebuilding will be an expensive pastime. Growers who built right in the first place will have occasion to rejoice, but that does not help the grower whose houses are not in good repair. Begin at once and save as much wear and tear as possible, and even if labor, paint, etc., should be very high, prepare to take care of the place right. Even if the whole place is not overhauled at least the most needed repairs can be attended to. After this last winter many growers will see the necessity of tightening up leaks big and little, and should they fail to do so the receivers will likely do it for them for there are still places here and there that need a little cold water to wake them up. If possible, order everything now.

TO ENLARGE THE U. S. BOTANIC GARDEN.

We received from Wm. F. Gude, who is evidently on guard as usual, the following copy of an amendment proposed by Mr. Gallinger to the bill (H. R. 9867) making appropriations to supply urgent deficiencies in appropriations for the fiscal year ending June 30, 1918, and prior fiscal years, on account of war expenses, and for other purposes, viz.: On page 50, after line 4, insert the following:

Provided, That within two years after the conclusion of the existing war the buildings provided for in this paragraph shall be removed, and the parcels of land known as East Seaton Park and West Seaton Park, lying between Third street on the east, Sixth street on the west, Missouri avenue on the north, and Maine avenue on the south, shall be attached to and become a part of the United States Botanic Garden, and available for the purposes thereof: Provided further, That the

location of conservatories and other improvements of a permanent character which may be built within said parcels shall be confined to areas not intended as the sites for future public buildings and driveways as provided in the plan for that vicinity prepared by the park commission.

"Don't forget that the man behind the man behind the gun is a reader of the technical papers in his field."
—Class.

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"Say it with flowers"

The New York Herald merits a big white mark to its credit for its splendid timely article published on Thursday, February 21, calling upon the public to substitute fresh flowers for lace paper and cardboard Valentine's Day gifts. It is most refreshing in these days of uncharitable hypercriticism and frequent disparagement of the "Say it with flowers" sentiment, when a big influential newspaper comes to the front in so conspicuous and outspoken a manner on behalf of the flowers which, as R. M. Saltonstall so eloquently has said "should be the last of all luxuries to be forced out by stress of war."

The farmers' seeds

Just as we are about to go to press the news comes from Washington that the bill introduced in Congress by Representative Baer of North Dakota to buy seeds for farmers has virtually failed, the House agricultural committee having voted on Wednesday of this week, by a majority of one, not to report the bill to the House. This decision seems eminently just and proper. No pressing reason has yet been forthcoming to justify the action proposed. The farmer is not now in need of charity. He is the automobile manufactur-

er's best customer, they tell us. Why interfere with his buying and paying for his seeds in a legitimate manner?

Freecias ad lib.

Many flower growers will, we believe, find the method of freesia forcing so interestingly explained by Messrs. Gude in this week's issue of *HORTICULTURE* somewhat of a surprise. It is very suggestive of new possibilities in the cultivation of this charming flower. We have seen some of the product as grown by Messrs. Gude at our own sight to-day, that the flowers grown from bulbs left undisturbed continuously in the bench for two years are equal to the best we have seen produced from fresh bulbs, with long stems freely branched and large trusses of excellent flowers. This is just one of those oft-recurring incidents which seem to explode all accepted theories and remind us that none of us yet know it all.

Neighborly Saturday, February 9, did a very neighborly and generous service not only for

the dealers interested but for the public within their zone of influence, in publishing editorially a list of dealers in plants for garden purposes, adding that if there are any others doing business in Westchester County whose names are omitted they will be glad to add them to the list. Altogether, sixteen addresses are given. We presume this somewhat unusual gratuitous action on the part of a newspaper is prompted mainly by a patriotic desire to encourage home garden work and to arouse the people to immediate activity and early purchase of their spring seeds and plants, but, nevertheless it is a favor of no small proportions for the florists, which they should and unquestionably will do their best to gratefully reciprocate in a practical way whenever they can.

Don't miss a line

Our columns this week are quite well supplied with "newsy" matter of more than transient interest to our readers.

We call attention, first, to the tidings from New Jersey that the long-standing reproach of secret commissions and gratuities to gardeners and others is up for decisive and drastic legislative action. We hope the proposed reform will be accomplished and not only in New Jersey but eventually in every other State in the Union, and we believe that every self-respecting gardener will in his heart wish likewise. Another matter of vital importance to the great majority of our readers is the action taken by the catalogue men at their session in New York last week. The question they tackled is a many-sided one but after the enormous losses suffered by shippers during the past winter, due to transportation conditions and the difficulties in placing responsibility—a situation which has brought certain lines of horticultural trade almost to a standstill, compelled a reduction of working forces and turned profitable establishments into losing propositions—it is not surprising that aggressive steps are being taken to fix some basis for a common understanding and procedure, to the end that the harrassing experiences of this season may never again be possible. The proposition to save the historic Botanic Garden in Washington from ravage, to enlarge its area and expand its scope on lines of highest utility, is another interesting piece of news—one which will rejoice the hearts of many, especially the numerous friends and admirers of the late William R. Smith who devoted half a century of his life to the establishment and development of this interesting garden.

**Sowing
discord**

The Boston newspapers have had considerable to say within the past few days concerning the doings of the Boston Park Commission. Imaginative reporters in their efforts at sensationalism, have given currency to much that is unfounded. Several weeks ago they built up quite a story about John H. Dillon being demoted from the chairmanship of the Commission which they later found it necessary to retract. In a more recent imaginative outburst they have the Commission adroitly preparing a place of safety for Mr. Dillon in anticipation of action by the Mayor in his case, and the recent suspension of Luke Doogue is instanced as a move in this alleged purpose. We understand on excellent authority that the Commission has found it necessary to make some discharges for the good of the service and to shift some of the foremen. The suspension of Luke Doogue, however, was on a different basis. Mr. Doogue had been employed by Mayor Curley in promoting war gardens last year under the Public Safety Committee. This work was terminated on January 31 and left several persons who had been carrying it on without further employment, among these being Mr. Doogue. It is explained to us that he had not been doing the regular work of the Department, in which there was at the time no available opening nor any funds for salary, hence his suspension. Contrary to insinuations made in the newspaper reports, the action of the Park and Recreation Committee has not been secretive in any way but has been frankly open and, we are told, in full accord with the policy and instructions of the Mayor to keep down expenses.

Readjustment

As we stand upon the threshold of a new year we find it necessary to readjust our business affairs in order to meet the existing conditions. We each have our own methods and our own type of business, but, we must build anew as befits our own individual case.

In the past we have followed the lines of least resistance, procured our supplies from whatever section of the globe that seemed most favorable and have had little thought that we should have to change this method.

Since the outbreak of the war the industrial world has found it necessary to be more independent of other countries in the production of their goods. This condition has also become necessary for us as horticulturists. By this I do not mean that each one of us shall produce everything that we sell, but we should try to accomplish this in purpose through cooperation or exchange. We must become producers in every sense of the word. Conservation has been preached incessantly, but with the high cost of supplies this is being automatically regulated.

The great problem for us, if engaged in growing plants for food, is to grow them in larger quantities, or, if growing them for pleasure, to grow them of better quality, also to endeavor to grow some of the varieties that we have been importing, viz., roses, rhododendrons and azaleas and even seeds and bulbs of the choicer sorts.

The help question naturally looms up and the idea of greater production with less labor makes it seem well nigh impossible, but greater efficiency, a more strict accounting and a weeding out of unprofitable stock will help solve the problem.

We are entering upon a new era in horticulture. It is therefore our duty to take courage and believe that

the future has greater possibilities in store for us than we have enjoyed in the past and those who prepare for such conditions will be the winners.

Clinton, Mass.



Freesias for Profit

Our methods of growing freesia are perhaps different from most growers, but we have found them to obtain results far beyond the average expectation, and it is a pleasure to give others the benefit of our experience with these charming and useful flowers.

The soil in which we grow freesia is old rose soil removed from benches and usually given a season's rest with winter freezing to renovate. We rarely plant new bulbs as we find the old ones give us better results according to our methods. They are planted in different locations, early in August, and are arranged to give us a constant supply of flowers during the winter season. For our first cutting, early in January, we have them in a bench in a rose house, and as these are nearly through, the next bench is ready in a carnation house and these in turn are followed by a bench in a cooler carnation house. As to quality of flowers from the various temperatures we do not find much difference, although those from the cooler conditions have a slight advantage as to size and finish.

These bulbs are spaced about two inches in rows which are six inches apart running crosswise of the bench and are covered to a depth of one and one-half inches, well watered at first, then carefully, until good root action has developed, and as growth appears we give a more liberal supply, gradually increasing such with growth. When it is evident from appearances that the buds have set, we give liberal amounts of good manure water made from well decayed stable manure. Toward the end of the flowering period we gradually reduce the water supply and when through just enough is given to keep the bulbs in growing condition for about another month, when watering is stopped and the bulbs allowed to dry and rest.

About this time, we have need of much space for Easter stock, so a temporary bench is erected overhead of the freesias, and as far as possible on these we place plants in larger pots not requiring water so often, so as to prevent moisture on the bulbs, which gradually dry up. When all foliage is dead and dry it is removed, surface soil worked lightly and all is ready for another year.

We do not lift or disturb these bulbs in any way, but start them again where they are, early in August. This practice is continued for a period of four years and when finally taken up to renew the soil, we find that where we planted a thousand originally, we now have several thousand good bulbs, to say nothing of countless small bulblets which can be grown on for future use.

For support of the flower stems, we stretch wires six inches apart lengthwise of the bench and run string across, same as for carnations. Grown in this manner, we have found freesias interestingly useful and profitable.



Anacostia, D. C.

CLUBS AND SOCIETIES

CONNECTICUT NURSERYMEN'S ASSOCIATION.

The Twelfth Annual Meeting of the Connecticut Nurserymen's Association was held at the Garde Hotel, Hartford, Conn., February 19, 1918. Reports and routine business having been duly attended to, W. A. Wright and C. S. Franklin were elected members of the Association and the following were elected as honorary members: F. B. Kelley, Princeton, N. J.; Harold Atwater, of Agawam, Mass.; Walter Adams and Charles Adams, Springfield, Mass.

Election of officers resulted as follows: President, F. S. Baker, Cheshire, Conn.; vice-president, C. F. Brainerd, Thompsonville, Conn.; secretary, F. L. Thomas, Meriden, Conn.; treasurer, W. W. Hunt, Hartford, Conn.

At the afternoon session President Baker appointed committees for 1918 as follows:

Legislative—C. F. Brainerd (chairman), Thompsonville, Conn.; Stephen Hoyt, New Canaan, Conn.; John R. Barnes, Yalesville, Conn.

Executive—W. W. McCartney (chairman), New Haven, Conn.; John R. Barnes, Yalesville, Conn.; W. W. Hunt, Hartford, Conn.

Entertainment — P. M. Hubbard (chairman), Bristol, Conn.; W. E. Campbell, New Haven, Conn.; E. A. Brassill, Hartford, Conn.

Publicity—W. E. Campbell (chairman), New Haven, Conn.; H. W. Gottschalk, Manchester, Conn.; G. H. Hollister, Hartford, Conn.

Dr. W. E. Britton, State Entomologist, gave us a very instructive talk on "Bugs and Insects," illustrating same with pictures and specimens. W. W. McCartney read a paper on "Labor Saving Devices," and it was suggested that the secretary write to the secretary of the American Nurserymen's Association and advise that they, the American Association, establish a Department of Nursery Implements, for the purpose of securing from its members suggestions as to improvements in present machinery, new machinery and labor saving devices—to pick out the practical suggestions and have same published in "Trade Papers" and, in case of new machinery, to secure a reliable manufacturer for its building.

John R. Barnes spoke on "Food Crops That We Can Grow," and answered many questions regarding same. W. O. Filley, State Forester, spoke on "Some Experiences" and other items of interest, particularly "The Blister Rust." R. Scoville, State Federal Food Administrator, had signified his intention to be present and speak on "Curtailling the Growing of Ornamental Nursery Stock," but failed to appear. This subject was discussed and the secretary directed to write Mr. Scoville that the members of this Association expected to grow more food products this year than ever before.

F. B. Kelley read a paper on the

Meetings Next Week

Monday, March 4.

Bernardsville Horticultural Society, Horticultural Hall, Bernardsville, N. J.

Elberon Horticultural Society, Elberon Hall, Elberon, N. J.

Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.

Montreal Gardeners' and Florists' Club, Montreal, Canada.

New Bedford Horticultural Society, New Bedford, Mass.

Washington Florists' Club, Washington, D. C.

Cleveland Florists' Club, Cleveland, O.

Tuesday, March 5.

Florists' and Gardeners' Club of Holyoke and Northampton, Mass.

Lake Geneva Gardeners' and Foremen's Association, Horticultural Hall, Lake Geneva, Wis.

Los Angeles County Horticultural Society, Los Angeles, Cal.

Paterson Floricultural Society, Y. M. C. A. Bldg., Paterson, N. J.

Florists' Club of Philadelphia, Philadelphia, Pa.

Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, Pittsburgh, Pa.

Wednesday, March 6

Tuxedo Horticultural Society, Tuxedo Park, N. Y.

Thursday, March 7.

Albany Florists' Club, Albany, N. Y.

Reading (Pa.) Florists' Association, Reading, Pa.

Southampton Horticultural Society, Odd Fellows Hall, Southampton, N. Y.

Friday, March 8.

Connecticut Horticultural Society, County Building, Hartford, Conn.

Westchester and Fairfield Horticultural Society, Dorans Hall, Greenwich, Conn.

Saturday, March 9.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

subject of "Market Development by Subscription and the National Co-operative Campaign to Create New, and Greater, Business for Nurserymen." The Association then voted to contribute the sum of \$50.00, for one year, to this publicity campaign, and that the members present do, individually, announce their intention, and pledge themselves to support such campaign.

The question of Prohibiting the Importation of Nursery Stock was discussed and the secretary directed to write the Connecticut Representatives to Congress that the Connecticut Nurserymen's Association do not approve of the "Weeks Bill" for the Prohibiting of the Importation of Nursery Stock, and wish them to use their influence in Congress to prevent its passage. A letter of thanks was voted to Secretary Smith, of the American Association, on the good work he had done in connection with the Transportation Problem.

W. O. Filley invited the Association to hold its summer outing at one of the Foresters' Camps. The matter of time and place, however, was left in the hands of the Entertainment Committee.

F. L. THOMAS, Secy.

Meriden, Conn.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

The monthly meeting was held Feb. 8. President Popp announced the receipt of seventy-five dollars from different seed firms to be used for monthly prizes. The following awards were made: *Eucharis amazonica*, from W. Morrow, 1st prize; *Cineraria stellata*, from W. Graham, highly commended; *Buddleia asiatica*, from James Stuart, highly commended; *Primula malacoides*, from Tom. Atcheson, highly commended; lupines and sweet peas, from A. Fadenhagen, the thanks of the Society. After some other minor business the meeting took on the form of a social entertainment, one of the best in the history of this society. The seed and nursery firms from New York and surrounding districts were represented. Refreshments were served.

J. K. M. L. Farquhar, of Boston, made an interesting address on the present situation and outlook in the seed trade. He called attention to the fact that the United States had heretofore depended on Europe for at least one-half of her supply of vegetable seeds and three-fourths or more of her flower seeds; that Germany, which before the war had furnished half of the seed imports, had been completely cut off; that France this year was able only to send less than one-third of her former quota, and that Holland, Denmark and England had placed embargoes on seed exports. He urged the vital necessity of immediate efforts towards the production of supplies of seeds in this country and pointed to the agricultural colleges of the various states as agencies through which this important work should be promoted. He suggested to the Society that its members should visit the Arnold Arboretum during next June that they might see the numerous hardy shrub and tree introductions of E. H. Wilson which will then be in bloom and of which there are already over 1,500 new to cultivation. He also spoke of the many Chinese shrubs which flower later in the summer when we have few in bloom. He said that Mr. Wilson had just returned to Japan from Korea, where he had found many new plants and that he was about to start for Formosa, which contrary to the popular idea of that island has in its higher altitudes a temperate or almost frigid climate which Mr. Wilson expects will yield many new plants which it is to be hoped will prove hardy in the north temperate zone. Arthur Herrington spoke about the forthcoming flower show in New York and short speeches were also made by Charles H. Totty and Messrs. Collins, Scott, Sealey, Carlstrom, Cobb, John Shore, Harry Wild, Jos. Manda, Patrick Fay and R. J. Irwin. The meeting broke up about midnight to the strains of the Star Spangled Banner.

J. CONROY, Cor. Sec.

AMERICAN GLADIOLUS SOCIETY**Launches Big Spring Drive.**

On February 1st, The American Gladiolus Society at the direction of President Kunderd, launched a five-months' campaign for membership. The present increase in garden interest manifesting itself as a result of the nation's call for food production to tillers of the soil, increased the number of amateur gardeners in this country over 600 per cent. The next step in our gardening enthusiasm will be the taking up of "Flower Growing as a Hobby and Relaxation from the Stress of War."

The American Gladiolus Society has long been active in fostering intelligent garden activity along proper lines, and this campaign will be not alone a membership campaign in the sense of having for its sole object the increase of members, but will as well undertake the fostering of increased gladiolus growing on the part of the American public.

The campaign will be in able hands. Joseph J. Lane, of Garden Magazine and Country Life will lead the membership committee in their activity. Mr. Lane is known throughout the country among garden lovers through his connection with The Garden Magazine, and his active association with a number of horticultural societies and floral bodies. He was one of the founders of The American Dahlia Society, and its first secretary. His aggressive methods in the early days of this organization did much to establish it on the solid footing on which it exists today.

A committee is being appointed comprising a large number of the leading gladiolus dealers throughout the country, and all interested are invited to get in touch with the chairman, or write to President Kunderd. Detail plans will be promulgated through bulletins issued from time to time, and results of the campaign announced as it progresses. The Executive Committee have authorized the waiving of the membership fee for the period of the campaign, which is until June 1st. Anybody joining in that time need not pay the initiation fee, but simply the annual dues of \$2.00 per year.

Arrangements have been made with Madison Cooper, of Calcium, New York, who is treasurer of the Society, to mail his paper the "Flower Grower" to all members during the life of their membership. This publication, formerly The Modern Gladiolus Grower has been enlarged in size, and broadened in contents so as to become ex-lover, particularly to those who are interested in the culture of the gladiolus.

Professor A. C. Beal, of Cornell University, is secretary of the Society, and is undertaking to carry on an extensive drive for members from his office, and has already produced a splendid increase.

President Kunderd wishes it to be understood that he believes this year to be a most logical one for intensifying the work of all floral societies, because of the conditions facing our country at the present time. Flower lovers are people of sentiment as well as action. Those who remain at home will need to continue their flower gardening as well as increase their vegetable and food stuff plantings for the



GLADIOLUS PANAMA
Still One of the Best

poise that the occupation will bring to them.

AMERICAN ROSE SOCIETY

The Executive Committee of the American Rose Society held its meeting at Hotel Collingwood, New York City, February 21. It was decided that the American Rose Society co-operate with the International Flower Show Committee in holding its spring exhibition in New York, the International Flower Show Committee guaranteeing to provide suitable space for the exhibits, the premium lists and the general direction of setting up the exhibits. The American Rose Society is to name the judges. W. R. Pierson and Robert Simpson were appointed to look after the interests of the American Rose Society in connection with the exhibition of the International Flower Show. Judges were appointed for plant and cut flower exhibits. Robert Pyle of West Grove, Pa., was appointed on the Central Committee of Rose Test Gardens.

An application for life membership was received from Mrs. Charles Frederick Hoffman, president of the International Garden Club, which received favorable action. The secretary reported 56 life members, and 998 annual members whose dues are paid for 1918. All members whose dues are paid for 1918 will be given entrance tickets to the International Flower Show at any time during the period from March 14 to March 21.

E. A. WHITE, Secy.

The regular monthly meeting of The Florists' Club of Philadelphia will be held in the Grand Fraternity Building, 1626 Arch street, on Tuesday evening, March 5, 1918 at 8 o'clock. The Essay Committee has been fortunate in securing for this evening Past President J. Otto Thilow, who will deliver his wonderful and interesting illustrated lecture on "Life and Vegetation of the Hawaiian Islands." This is such a splendid lecture that it was decided to make it an Open Night. Ladies invited.

Society of American Florists

MEETING OF CATALOGUE MEN.

A meeting of the catalogue men was held at the National Headquarters, 1170 Broadway, New York, on Thursday, February 14, at 2 p. m. to consider the question of liability attaching to a proper delivery of plants to purchasers. The matter was discussed from all standpoints, and the experiences of many of those present were related. It seemed to be the consensus of opinion that when plants were properly packed according to standard methods, and delivered to the transportation company, the responsibility of the shipper ceased, and the shipment while in transit was at the risk of the purchaser. The following resolution resulted, the vote on the same being unanimous:

"Resolved, that all wholesale shipments of perishable nursery and greenhouse stock, also seeds and bulbs, shall hereafter travel at the purchaser's risk, and it is recommended that this rule be adopted by all shippers."

The action taken was considered necessary owing to existing conditions in express service at the present time. It was also decided by unanimous vote that the matter be referred to the Committee on Tariff and Legislation of the S. A. F., Wm. F. Gude, chairman, Washington, D. C., with the request that all claims be filed in a block, placed in the hands of an attorney, and that the Committee confer with the counsel of the American Nurserymen's Association, and that the Committee bring to the notice of the transportation companies some facts as to the large amount of business being transacted by Parcels Post.

It was also suggested that when damage to a shipment is visible or suspected, the consignee accept the shipment subject to examination by the express agent and the filing of a claim to cover the damage to be determined. It is a matter between the consignee and the express company, which company has already signed for the shipment as in good condition, and it is impossible for the consignor to make the adjustment necessary in the circumstances.

The gathering was a thoroughly representative one, and included delegates from some of the largest shipping concerns in the country.

JOHN YOUNG, Secy.

THE PUBLICITY CAMPAIGN.

Judging from the newspaper clippings being received by the Promotion Bureau, there was a large and general response from retail florists to the suggestions made that they make individual effort to draw to their own establishments the benefit of the publicity accruing from the page advertisement in the Saturday Evening Post. In many cases a large co-operative advertisement was used, the copy covering a whole page. The electrotypes supplied by the Promotion Bureau were very generally used and the advertisements stood out prominently, so that

they could hardly fail to attract attention.

Those who have sent in orders for window and door transfers, and glass signs will please take notice that delivery of all has been promised in a few days, and all orders will be filled within a day following the receipt of the material.

The stock of electrotypes provided for Easter and Mothers' Day, and other occasions is now at hand, and all orders for the whole set, or single electros, are now fulfilled.

The Wholesale Florists' Association of St. Louis have come across handsomely by a contribution of \$25.00 each member. Chairman George Asmus of the Publicity Finance Committee reports the following additional subscriptions:

Annually for 1 year: A. Weaver, Massillon, Ohio, \$5; W. J. Evenden, Williamsport, Pa., \$5; C. B. Johnson, Woburn, Mass., \$10; Casey Florist Co., Melrose, Mass., \$10; Pelee Bros., Waltham, Mass., \$25; F. I. Drake & Co., Pittsfield, Mass., \$5; H. J. Ball, West Derby, Vt., \$5; Herbert Spaving Mt. Kisco, N. Y., \$5; John J. Connolly Estate, Rosemont, Pa., \$5; Richard D. Kimball, Waban, Mass., \$4; R. P. Peterson, Framingham, Mass., \$5; Hugo H. de Wildt, Providence, R. I., \$5; Kent Flower Store, Newark, O., \$5; Bruno Henker, White Plains, N. Y., \$5; Stephen Mortensen, Southampton, N. Y., \$50; Van Lindley Co., Greensboro, N. C. (second subscription), \$75; Michler Bros. Co., Lexington, Ky., \$5; Baumgarten Florist, Inc., Milwaukee, Wis., \$5; Hy. C. Berning, St. Louis, \$25; C. A. Kuehn, St. Louis, Mo., \$25; Wm. C. Smith Wholesale Florist Co., St. Louis, \$25; Windler Wholesale Florist Co., St. Louis, \$25; The Heepe Co., Akron, O., \$15; F. J. Ullrich Co., Tiffin, O., \$5; E. R. Asmus, Closter, N. J., \$50; W. H. Ernest, Washington, D. C., \$5; C. J. Switzer, Monticello, Ind., \$5; Ansel D. Carpenter, Cobeco, N. Y., \$25. Total, \$439. Previously reported from all sources, \$30,198. Grand total, \$30,637.

INTERNATIONAL FLOWER SHOW.

There was a meeting of the Schedule Committee on Saturday last, at the office of the Secretary, 1170 Broadway, N. Y., at which the preliminary schedule of prizes was revised preparatory to the publication of the final schedule, copies of which may be had upon application to the Secretary.

The American Rose Society has agreed to waive the ruling as to one pinch only being allowed in the classes for 100 Roses, and in the classes covering Rose displays. In all other classes the rules of the Society prevail. It is also announced that the Society will offer its gold and silver medals under the rulings usually applying. A special prize of \$50 has been offered by Mrs. Hobart Warren for the best red Rose not yet disseminated.

The early ordering of trade tickets is urged. The prices are: for 100 or more 20c. each, less quantities 25c. each. No names will be printed on the tickets this year, but purchasers may rubber stamp their names on the backs, if desired. JOHN YOUNG, Secy.

Prof. Hugh Findlay, a former teacher or horticulture and botany at the Morrisville State Agricultural School, for something like three years a member of the faculty of the Agricultural College at Syracuse University, has been appointed to a position in the federal department of agriculture at a salary of \$2,000.

Obituary

J. F. Anderson.

J. F. Anderson, superintendent of the Hammond estate, Bernardsville, N. J., passed away suddenly Feb. 10th. He was well known as a dahlia specialist, and was the originator of the new variety, Red Cross.

David D. Winkworth.

David D. Winkworth, proprietor of the Michigan Nursery, Monroe, Mich., died recently at the age of 72 years. He was at one time connected with the nursery firm of Smiths & Powell, Geddes, N. Y., but moved to Monroe thirty years ago. Six sisters and a brother survive him.

We regret to announce the death at St. Louis of Emil A. Loewnau, husband of Babara Loewnau and father of William Frederick and Edward Loewnau, on Saturday, Feb. 23rd. His greenhouses are at 6100 Vermont avenue. Funeral took place Tuesday, Feb. 26, at St. Paul's Cemetery.

Jacob Uhl

Jacob Uhl, nurseryman, of Dansville, N. Y., passed away on Feb. 8th, aged 73 years. Mr. Uhl came to this country from Germany at the age of six years, and entered the nursery business in 1866. Mr. Uhl was a veteran of the Civil War. He is survived by two sons and a daughter.

John O. Graham

John O. Graham, florist, Little Falls, N. Y., died of paralysis Feb. 1st, aged 56 years. Mr. Graham was born in Glasgow, Scotland and came to this country in 1880, entering the florists' business with his brother-in-law at Binghamton, N. Y. He later removed to Little Falls. He is survived by his wife and three children.

BOSTON SPRING FLOWER SHOW.

The Massachusetts Horticultural Society's decision to devote the proceeds of the Spring Flower Show, March 13 to 17, to aid the Red Cross in its work, through the Boston Metropolitan Chapter, has won generous approval, and many of the leading private and commercial growers have promised to make special displays of fruits and vegetables, despite the difficulties forced upon them by the unusual cold and the fuel shortage. R. & J. Farquhar & Co., Thomas Roland, Mt. Desert Nurseries, W. W. Edgar & Co., Henry Penn and others prominent in the florist trade have responded favorably to the appeal made by the officers of the Horticultural Society and will do their part to make the affair a success.

Mons. and Mme. Eugene Schaettel announce the marriage of their daughter, Mlle Yvonne Schaettel to Mons. Louis Nassoy, Captain of 30eme regiment de Infanterie, on Monday, January 21, 1918, at l'Eglise de Notre Dame de la Misericorde, Paris. Mr. Schaettel is one of the firm of Vilmorin, Andrieux & Cie, and having visited this country frequently has many friends here.

CHRYSANTHEMUMS

ELMER D. SMITH & CO.

See Classified Advertisement

IMPORTANT BILL INTRODUCED IN NEW JERSEY

Assembly, No. 310.—Introduced by Mr. Vreeland—Referred to Committee on Agriculture.

A Supplement to an act entitled "An act for the punishment of crimes (Revision of 1898)" approved June 14, 1898.

1. No person or corporation engaged in the business of building greenhouse structures, selling fertilizers, insecticides, coal, soil, flower pots, trees, shrubs, bulbs, plants, garden and farm implements, seeds or any other commodities necessary for the formation and maintenance of public parks and grounds, cemeteries, baseball and athletic club grounds, golf club grounds, country club grounds, hotel grounds and country estates, shall pay, or cause to be paid, either directly or indirectly, to any superintendent, manager, gardener, foreman or other employee, money or other consideration whatsoever as a present, reward, inducement, bonus or commission on any bill for purchase of the foregoing commodities, which are to be used in the formation or maintenance of parks, grounds and estates designated herein, and no superintendent, manager, gardener, foreman or other employee shall ask for, demand, exact, require, accept or receive, either directly or indirectly, from any person or corporation engaged in the business of building greenhouse structures, selling fertilizers, insecticides, coal, soil, flower pots, trees, shrubs, bulbs, plants, garden and farm implements, seeds or any other commodities necessary for the formation and maintenance of public parks and grounds, cemeteries, baseball and athletic club grounds, golf club grounds, country club grounds, hotel grounds and country estates, any money or other consideration whatsoever on any bill for purchase of any of the before mentioned commodities.

2. Any person or corporation violating any of the provisions of section one of this act shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding two hundred dollars, or by imprisonment in the county jail for a period not exceeding six months, or both, at the discretion of the court.

3. Any and all acts and parts of acts inconsistent with this act shall be and the same are hereby repealed.

4. This act shall take effect immediately.

A PEERLESS SWEET PEA.

The Burpee's Early Snowstorm magnificent pure white sweet pea illustrated on our title page this week is claimed to be the best of the white-

GLADIOLI

	1st Size 1000	2d Size 1000
America	\$20.00	\$15.00
Ida Van	50.00	40.00
Independence	16.00	12.00
Mrs. Francis King.....	18.00	14.00
Mrs. Frank Pendleton.....	50.00	35.00
Navajo	60.00	40.00
Exhibition Mixed.....	20.00	15.00
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CANNAS

	Home Grown Fresh Cut Doz.	100
Beacon	\$0.75	\$6.00
Hungaria60	5.00
Kate F. Deemer.....	.50	3.00
Meteor .....	.60	5.00
Olympic .....	.75	6.00
Richard Wallace.....	.60	5.00
Wintzer's Colossal.....	.60	5.00

Well graded, clean, healthy stock

BRECK-ROBINSON NURSERY COMPANY
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IF YOU MEAN TO
SAY IT WITH FLOWERS
Then secure your wants through
AUGUST ROLKER & SONS, - NEW YORK
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VIBURNUM PLICATUM
Also Berberis Thunbergii, Hydrangea
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Ask for complete list of
OAK BRAND SHRUBS.
The **CONARD & SONS CO.**  **WEST GROVE**
PENN., U.S.A.
Robert Pyle, Pres. Antoine Wintzer, Vice-Pres.

seeded, early-flowering Spencers yet introduced. The flowers are of great size and substance, beautifully waved, and are borne in great profusion. The stems are long, usually carrying three or four flowers which are well placed. Snowstorm is an appropriate name, as the plants become a perfect mass of snow-white flowers, coming to bloom very early and continuing through a long season.

SEED TRADE NOTES.

The Philadelphia seed houses report that the volume of business so far this season compares very favorably with last year. All those seen report an increase notwithstanding the severe weather. On Feb. 21 Mr. Burpee reported that his house was running 30 to 40 per cent. ahead of the same days of 1917.

The Canadian Seed Growers' Association's 13th Annual Report, for the year ending March 31, 1917, contains the minutes of the Annual Meeting, also some instructive contributions on seed selection and purity. Accompanying the report is a pamphlet explaining some of the methods and aims of the association. The headquarters of the association is Canadian Building, Ottawa. Jas. W. Robinson is president and L. H. Newman, secretary-treasurer.

ADDISONIA

A quarterly journal containing beautiful colored illustrations and popular descriptions of plants.

Published by the New York Botanical Garden, Bronx Park.

Supported by the income of a bequest by the late Judge Addison Brown, aided by subscriptions.

The second volume has recently been completed; the third volume will be issued during 1918; each volume contains 40 full-page colored illustrations.

Additional subscriptions, for the whole work only, are invited at \$30, being \$10 per volume. Sample parts will be mailed on request.

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Bronx Park New York City

THE National Nurseryman

The oldest and best established journal for nurserymen. Circulation among the trade only. Published monthly. Subscription price, \$1.50 per year. Foreign subscriptions, \$2.00 per year. In advance. Sample copy free upon application from those in the trade enclosing their business card.

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Mayflower Verbenas

Large flowered, pink, fragrant, vigorous grower, healthy stock.

2½ inch pots, \$5.00 per 100.

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SEED TRADE

EMBARGOES LIFTED ON SEEDS AND NURSERY STOCK.

Orders have been issued releasing nursery stock and seeds from present and future embargoes as follows:

January 10, 1918. Regional Director Eastern Railroads—Seeds.

January 26, 1918. Regional Director Western Railroads—Seeds.

January 30, 1918. Regional Director Eastern Railroads—Seeds and nursery stock.

January 30, 1918. Regional Director Southern Railroads—Seeds.

February 2, 1918. Regional Director Western Railroads—Nursery stock.

February 11, 1918. Director General Railroads—All railroads and water carriers connected with railroads—Seeds; and by definite agreement with counsel for the seed and nursery trade associations of February 16, supplementary order will be issued as a routine matter including nursery stock in General Order No. 1 of February 11.

REGIONAL DIVISIONS OF RAILROADS AND REGIONAL DIRECTORS—General Order No. 4, issued January 18, 1918, for the purpose of operating the railroads of the United States classifies railroads as Eastern, Southern and Western railroads, as follows:

EASTERN RAILROADS: The railroads in that portion of the United States north of the Ohio and Potomac rivers and east of Lake Michigan and the Indiana-Illinois state line; also those railroads in Illinois extending into that state from points east of the Indiana-Illinois state line; also those railroads in Illinois extending into that state from points east of the Indiana-Illinois state line; also the Chesapeake & Ohio, the Norfolk & Western, and the Virginian railways.

SOUTHERN RAILROADS: All railroads in that portion of the United States south of the Ohio and Potomac rivers and east of the Mississippi river, except the Chesapeake & Ohio, Norfolk & Western, and the Virginian railways, and also those railroads in Illinois and Indiana extending into those states from points south of the Ohio river.

WESTERN RAILROADS: All railroads not included in the above definitions and broadly speaking, all railroads in the territory west of Lake Michigan and of the Indiana-Illinois state line to the Ohio river and west of the Mississippi river from the Ohio river to the Gulf of Mexico, excepting those railroads in Illinois included in eastern territory and those railroads in Illinois and Indiana included in southern territory, as above stated.

REGIONAL DIRECTORS.

A. H. Smith, president of the New York Central, is appointed regional director with office at Room 3627 Grand Central Terminal, New York, N. Y., in charge of the operation of eastern railroads.

C. H. Markham, president of the Illinois Central, is appointed regional director, with office at Atlanta, Ga., in charge of operation of southern railroads.

R. H. Aishton, president of the Chicago & North Western, is appointed regional director with office at Chicago, 226 West Jackson Boulevard, in charge of the operation of western railroads.

Orders issued by the gentlemen named in their capacity as regional directors will be issued by authority of the Director General, and will be respected accordingly.

CURTIS N. SMITH,

Counsel, American Seed Trade Asso., and American Asso. Nurserymen.

Flower Seeds, Cannas, American Grown Gladioli, Etc.

WHOLESALE CATALOG NOW READY

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Send for our Wholesale Florist Catalogue Now Ready.

Lily of the Valley Pips

FOR EARLY FLOWERING

Every florist should have a few of these dainty flowers for their Easter trade: 100, \$4.00; 1000, \$38.00.

BEGONIAS

Double-Flowering Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze, Mixed: 100, \$1.50; 1000, \$12.50.

Single-Flowering Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon, Mixed: 100, \$1.00; 1000, \$38.00.

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"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
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CHICAGO SEED NOTES

The Leonard Seed Co. are in the midst of a very heavy shipping season. While an extreme shortage exists in a general way, yet many small lots of seeds are frequently cropping out in unexpected places and sometimes even large lots will be offered, the existence of which had not been dreamed of. This makes the market seem very erratic at times and certain seeds will have a widely fluctuating value. There is no question as to the scarcity of beans and peas. In the former, the scarcity is often in certain varieties only and the average supply is not so far below normal as seemed inevitable last fall. Corn is showing poorly in germinating tests as was expected from the early frosts of last season, often 70 per cent having to be discarded.

The cabbage situation is bad because of the inability to get seeds from across the water as formerly. The attempt to grow the cabbage seeds in this country had a severe set-back on account of unfavorable weather last year which makes it almost certain that next year will see conditions worse than now for growers of this vegetable. Tomato seeds for another year are in the hands of the farmer—"if he will he will and if he won't he won't." Onion sets often suffer much from delay in transportation but start out in good condition and are just now quoted as follows: white \$5.00 per bushel, red \$3.50 and yellow \$3.00.

The State Council of Defense is organizing a campaign for a much greater garden movement than that of last year, when so many people spaded up the back yard or the city plowed up the vacant lots and gardening became the fad of the hour. This year a much larger area will be used, many holders of large tracts of land placing them at the disposal of those inclined to make use of them. Committees will handle the purchase of seeds in large lots, and now when seed supply is limited it is to be hoped that less will be wasted than before.

THE VEGETABLE MARKET.

The bean situation shows increasing strength. In the producing sections, New York pea beans, mediums, yellow eyes and red kidneys advanced \$1 to basis of \$12 per cwt., in bulk, from wagons at western New York shipping points, and Michigan Navys in bulk, ranged \$11.25-\$11.75, cash to growers, and sold \$13 sacked, f.o.b. Michigan shipping centers.

Potato values are still declining, and sales to jobbers in the leading market centers range generally lower. The cabbage market is weaker and onions are dull and lower. Lettuce in fair demand.

LILIAM GIGANTEUM

7/9 (300 per case).... \$35.00 per thousand
8/10 (225 per case).... 50.00 " "
9/10 (200 per case).... 100.00 " "

Complete List of Florists' Choice Seeds. A postal card will bring our catalogue.

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Rose Pink, Purple, Lavender.
Trade pkt., 30c.; \$1.50 per oz.
Mixed Colors. Trade pkt., 30c.;
\$1.25 per oz.

SEMPLE'S LATE BRANCHING.
Separate Colors. Trade pkt., 30c.;
\$1.25 per oz. Choice Mixed. Trade
pkt., 30c.; \$1.00 per oz.

EARLY ROYAL BRANCHING.
Separate Colors. Trade pkt., 40c.;
\$2.25 per oz. Choice Mixed. Trade
pkt., 40c.; \$2.00 per oz.

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CINERARIA—Prize strains, mixed
Tall and Semi-dwarf.

ALYSSUM—Little Gem.
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SNAPDRAGON—Silver Pink.
BEGONIA—Vernon.

DELPHINIUM NEWPORT ROSE—
Finest Pink Larkspur at 80c. per
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Established 1802.
53 Barclay Street, NEW YORK

Paper White Narcissus
Lilium Candidum
Amaryllis, Callas
Cold Storage Lilies

Write us for price

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108 West 28th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengerii—1000 Seeds, \$1.00,
Salvia Bonfire—¼ oz., 50c.; 1 oz., \$2.00.

Salvia Zurich—¼ oz., 75c.; 1 oz., \$4.00.

Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; ¼ oz., \$2.00; 1 oz., \$5.00.
Snappedragon, **Petunias**, **Verbenas**, etc.

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"W. & D.'s Aldon" far outclasses any
other strain for marketing. Tr. pkt.,
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ANTHRINUM

W. & D.'s Imp. Giant-Flowering. Pure
White, Pink, Fairy Queen, Coral Red,
Rose, Scarlet, Striped Venus, and
Yellow. Tr. pkt., 25c.; oz., 75c.
Nelrose. Pkt., 25c.

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Little Gem. Tr. pkt., 10c.; oz., 30c.
Odorum. Tr. pkt., 10c.; oz., 15c.

SALVIA

Splendens. Tr. pkt., 20c.; oz., \$1.25.
Bonfire. Tr. pkt., 25c.; oz., \$2.50.

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Mammoth. Scarlet, Pink, Purple, White,
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Stumpp & Walter Co

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30-32 BARCLAY STREET - - NEW YORK

LEONARD'S SEEDS

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FOR SALE BY

LEONARD SEED COMPANY, Chicago, Ill.

JACK FROST MATS

For Cold Frames
1-2 Doz. \$16; 1 Doz. \$30

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Reselected Strains in Seeds.
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BET, CARROT, PARSNIP, RADISH and
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Transfer Your Orders to

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Deliver orders from any part of the country to

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32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

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Member Florists' Telegraph Delivery

Of Interest to Retail Florists

ARE YOU DOING YOUR PART?

Now that our Publicity Campaign is well on its way, may we not expect further encouragement for still greater results in this good work for the betterment of better and bigger business from those who have not as yet subscribed to our fund?

Your officers of the S. A. F. and members of Publicity and Finance Committees and their auxiliary committees of the various districts and states are giving of their time and money towards this new movement, but the response is not up to the mark.

Show your appreciation in this good work for greater sales of flowers by sending in your donation now, thereby not only increasing your own sales, but by also helping every branch of the florists' business.

Will you be satisfied by allowing your neighbor to contribute to our Publicity Fund, and not do your bit? Show your liberality by coming across now, without any solicitation on the part of any one, and make this, our first campaign, a big success.

Get the thought now in the minds of the public for the need of more flowers and take advantage yourselves by tying up to our Publicity movement in your own town through the daily press, and watch the results. For every dollar spent now, it will come back ten for one, in the near future.

We are out to raise fifty thousand dollars (\$50,000) for our first campaign. We have raised thirty thousand dollars (\$30,000) now. Let's go over the top, and you'll feel better for doing your duty in this fine noble work which the S. A. F. has undertaken.

Send your checks to John Young, Secretary, 1170 Broadway, New York City, N. Y.



Chairman.

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At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

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Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address. Dardesflor.

We should all strictly adhere to the request of the United States Food Administration.

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SONS**Cor. Broadway and Gratiot Aves.
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We cover all Michigan points and good sections of Ohio, Indiana and Canada
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CHICAGO Send Your Orders to WILLIAM J. SMYTH

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Prompt Auto Delivery
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Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
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Complete Stock. Regular discount to Trade.
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THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

CLEVELAND
A. GRAHAM & SON
5523 Euclid Ave.
Will take good care of your orders
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440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
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HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.
WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
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DOLLAR FOR DOLLAR.

A savings bank in a New York village of five thousand people figured up business for 1917.

"In spite of!" echoed the secretary. "I call it marvelous."

"In spite of it!" echoed the secretary. "You are dead wrong. It is because of the Liberty Loans that we got most of that \$250,000. It represents mainly new accounts."

"For the last eight months people who never saw the inside of a savings bank have been walking in here and planking down a dollar a week to buy \$50 bonds."

"And a dollar a week for their account, eh?" inquired the trustee.

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"Now, here is the same problem reversed to fit our case," says Henry Penn, chairman of the Publicity Campaign. "For every dollar expended in our Publicity Campaign, it will return ten, providing we tie our own local advertising to the magazine advertisements, and thereby bring before the people's minds the effect of the national advertisement."

So, send in your subscriptions to John Young, Secretary, 1170 Broadway, New York City, N. Y., who will acknowledge same through the trade press.

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New additions to the F. T. D. membership list are as follows:

Birmingham, Ala.—Fraser Nursery Co., Montevallo Road and Ave. F; Tutwiler Flower Shop, Tutwiler Hotel; Empire Flower Shop, Empire Building.
Cleveland, Ohio.—Westman & Getz, 5923 Euclid Ave.
Durham, N. C.—J. J. Fallon.
Kansas City, Mo.—W. J. Barnes, 38th and Euclid Ave.
Lynchburg, Va.—J. J. Fallon, 1009 Main St.
Provincetown, Mass.—William C. Newton, 212 Commercial St.
Statesville, N. C.—Barringer's Greenhouses, 516 Center St.
Vancouver, B. C.—James Brand & Co., 723 Robson St.
Waukesha, Wis.—Waukesha Floral Co., 409 Main St.
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FLORISTS AND
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TARRYTOWN-ON-HUDSON, - N. Y.
YALE! YALE!
And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
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NOTICE INITIALS. We have one store only

THE J. M. GASSER COMPANY,
CLEVELAND
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The Far-Famed Flowers of
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Delivered on mail or telegraph order for any occasion, in any part of the Dominion.

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Flowers or Design Work

DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

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KERR ORDERS FOR TEXAS
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The Florist Member F. T. D. Association

ROOTED CARNATION CUTTINGS

C. W. Ward, Theo, A. Roper, Matchless,
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Supreme, Thenanthos, Enchantress

We have a large supply of them ready for immediate shipment.

Special prices in 1000 lots

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

Seasonable Florists' Supplies

We Call Special Attention at Present to
Our Excellent Line of

CREPE FLOWERS: Dahlias, 'Mums, Carnations, etc.

CREPE PAPER, in rolls, for Easter plants and all seasonable work, very economical.

CYCAS LEAVES: Magnolia Leaves and others.

FANCY PINS for Corsage work.

DOVES: An exceptionally fine lot at reasonable prices.

MARTIN REUKAUF, 433 Callowhill St., PHILA.

WHOLESALE FLORISTS' SUPPLIES

38 years in the business. It will pay you to write.

EDWARD REID WHOLESALE FLORIST

1619 - 21 Ranstead St., Philadelphia, Pa.

CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

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Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS

Consignments Solicited

Hardy Fancy Fern Our Specialty

264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

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We are Wholesale Florists Doing
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30 East Randolph Street, CHICAGO

POEHLMANN BROS. CO.

Supply of Best Cut Flowers all the Year Around
72-74 EAST RANDOLPH ST., - - - CHICAGO.

If interested, send us your name and address for our weekly price list

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON Feb. 28		ST. LOUIS Feb. 18		PHILA. Feb. 18	
Roses						
Am. Beauty, Special	35.00	to 50.00	40.00	to 50.00	60.00	to 75.00
" " Fancy and Extra	15.00	to 25.00	20.00	to 30.00	25.00	to 40.00
" " No. 1 and culls	4.00	to 8.00	5.00	to 15.00	5.00	to 20.00
Russell, Euler, Mock	3.00	to 12.00	8.00	to 25.00	6.00	to 35.00
Hadley	3.00	to 18.00	.....	to	6.00	to 20.00
Arenberg, Hoosier Beauty	3.00	to 10.00	.....	to	5.00	to 15.00
Ward	3.00	to 8.00	3.00	to 10.00	4.00	to 5.00
Killarney, Radiance, Taft	3.00	to 10.00	4.00	to 10.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon	3.00	to 12.00	5.00	to 15.00	4.00	to 15.00
Carnations	1.00	to 2.00	1.50	to 3.00	8.00	to 4.00
Cattleyas	25.00	to 50.00	50.00	to 75.00	20.00	to 50.00
Dendrobium formosum	.....	to 50.00	.....	to .....	.....	to
Lilies, Longiflorum	8.00	to 10.00	.....	to 12.50	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	.....	to .....	.....	to
Callas	12.00	to 16.00	10.00	to 12.00	10.00	to 12.00
Lily of the Valley	5.00	to 8.00	.....	to 8.00	5.00	to 10.00
Snopdragon	6.00	to 10.00	.....	to	3.00	to 15.00
Violets	.35	to .50	.20	to .40	.25	to 1.00
Freesia	1.00	to 2.00	.....	to 3.00	2.00	to 5.00
Narcis, Paper White	1.00	to 2.00	.....	to 3.00	2.00	to 3.00
Roman Hyacinths	1.00	to 3.00	.....	to	2.00	to 3.00
Tulips	3.00	to 4.00	4.00	to 5.00	4.00	to 6.00
Daffodils	1.00	to 4.00	.....	to .....	.....	to
Calendula	1.00	to 3.00	.....	to	1.50	to 4.00
Mignonette	3.00	to 4.00	.....	to	2.00	to 4.00
Sweet Peas	.50	to 1.00	.40	to 1.50	.50	to 2.00
Marguerites	1.00	to 2.00	.....	to .....	.50	to 2.00
Gardenias	15.00	to 35.00	.....	to	5.00	to 25.00
Adiantum	1.00	to 1.25	.....	to 1.00	1.50	to 2.00
Smilax	20.00	to 25.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	2.00	to 50.00	25.00	to 60.00

WILLIAM F. KASTING Co. Wholesale Florists

568 570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Flower Market Reports

BOSTON The middle of the week finds the market very slow although the earlier days were fairly satisfactory. The stock coming in is quite heavy and its accumulation has had the effect of flattening out market values on practically every item. The outlook is for a continuance of this downward tendency but it will be influenced more or less by weather conditions. The rose crop is again on the increase and it is now evident from the surplus displayed on wholesale tables, that the pinch on short sizes is over for good and the dealer who is looking for low-price stock will be accommodated with pleasure and due alacrity. The bulbous section continues dominant with a superabundance of all the narcissus tribe and a noticeable advance in quality, quantity and variety of tulips. Many hyacinths of the small flowering Dutch or "Italian" are in evidence, apparently having been substituted by some of the growers for the "Romans" and the flowers are pleasingly more impressive. Violets are grand but too many for the weak call.

CHICAGO Good stock, fine weather and better shipping facilities have all tended to help the trade from all angles this week. All kinds of stock are offered in first-class quality as well as in medium grades. Roses are responding to the warmth and sunshine and are coming in much larger quantities. If present conditions continue the shortage will soon be over. Carnations and spring flowers form the bulk of the rest of the stock though there is a good variety of miscellaneous flowers to tempt the buyers. The coal situation is not so tense and as Easter looms up only a few weeks ahead, growers are able to keep their houses at a little higher temperature. Shipments are going out with but few complaints of delay or injury from customers.

CLEVELAND Demand continues in satisfactory volume, according to wholesale houses, and supplies are ample for all requirements. The sale of carnations and violets is dragging a little according to some dealers. One dealer is featuring extraordinarily fine pansies which are selling at \$2 a hundred wholesale. They measure on an average three inches in diameter. The grower has been cutting them since early in December.

NEW YORK The progress of the season is having its usual and natural result, in the decided increase of daily receipts in the wholesale flower establishments with a corresponding weakening of values and more critical manner of buyers. Crops are heavy on roses, carnations, lilies, violets, sweet peas and all bulbous material and sales in quantity on all these things are negotiated at prices decidedly lower than for some time past. The scarcity in the medium and lower grades of roses no longer exists, so the street dealers only await the arrival of balmy weather to get busy as there is an abundance to be had of everything he wants. Quality is good gen-



SWEET PEAS

Chosen, even choicer than they have been at any time this season, in quantity, all lengths, in all colors, several of the newer shades.

Extra long.....	\$2.50	\$3.00
Long	1.50	2.00
Medium		1.00
Short .....	.50	.75

Try One of Our Specials

SWEET PEA SPECIAL NO. 1

In lots of 500 or over; assorted colors; our selection; all long stems; best quality; at \$1.50 per 100.

SWEET PEA SPECIAL NO. 2

In lots of 500 or over; assorted colors; regular \$1.50 value; at \$1.00 per 100.

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.
WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI Feb. 18	CHICAGO Feb. 25	BUFFALO Feb. 25	PITTSBURG Feb. 4
Roses				
Am. Beauty, Special.....	35.00 to 40.00	50.00 to 60.00	40.00 to 50.00	40.00 to 50.00
" " Fancy and Extra.....	25.00 to 30.00	40.00 to 50.00	25.00 to 35.00	20.00 to 35.00
" " No. 1 and culls.....	10.00 to 15.00	50.00 to 30.00	5.00 to 15.00	10.00 to 15.00
Russell, Euler, Mock.....	8.00 to 15.00	5.00 to 25.00	6.00 to 12.00	8.00 to 25.00
Hadley.....	8.00 to 15.00	..... to	5.00 to 10.00	..... to
Arenberg, Hoosier Beauty.....	6.00 to 12.00	4.00 to 25.00	5.00 to 10.00	..... to
Ward.....	4.00 to 10.00	4.00 to 12.00	4.00 to 6.00	6.00 to 12.00
Killarney, Radiance, Taft.....	4.00 to 10.00	4.00 to 12.00	4.00 to 10.00	6.00 to 12.00
Opheia, Sunburst, Hillingdon.....	6.00 to 15.00	4.00 to 12.00	5.00 to 12.00	6.00 to 12.00
Carnations	2.00 to 4.00	1.50 to 4.00	2.00 to 4.00	2.00 to 4.00
Cattleyas.....	..... to 75.00	35.00 to 50.00	50.00 to 60.00	40.00 to 60.00
Dendrobium formosum.....	..... to .....	..... to .....	..... to .....	..... to
Lilies, Longiflorum.....	10.00 to 12.00	8.00 to 12.00	8.00 to 12.00	10.00 to 12.00
Lilies, Speciosum.....	..... to .....	..... to	4.00 to 6.00	4.00 to 8.00
Callas.....	8.00 to 10.00	8.00 to 12.00	10.00 to 15.00	..... to
Lily of the Valley.....	..... to 6.00	4.00 to 6.00	8.00 to 10.00	..... to
Snapdragon.....	4.00 to 8.00	8.00 to 12.00	4.00 to 8.00	4.00 to 8.00
Violets.....	.75 to 1.00	.50 to .75	.60 to .75	.35 to .75
Freesia.....	2.00 to 4.00	2.00 to 4.00	2.00 to 4.00	4.00 to 6.00
Narcis, Paper White.....	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00
Roman Hyacinths.....	3.00 to 4.00	2.00 to 3.00	2.00 to 3.00	2.00 to 4.00
Tulips.....	4.00 to 6.00	3.00 to 5.00	3.00 to 5.00	4.00 to 6.00
Daffodils.....	..... to	2.00 to 4.00	1.00 to 3.00	..... to
Calendula.....	2.00 to 4.00	2.00 to 3.00	1.00 to 3.00	3.00 to 6.00
Mignonette.....	4.00 to 6.00	4.00 to 6.00	2.00 to 5.00	2.00 to 5.00
Sweet Peas.....	.75 to 2.00	.75 to 2.00	1.00 to 2.00	.75 to 3.00
Marguerites.....	..... to 1.00	..... to	1.00 to 1.50	1.00 to 3.00
Gardenias.....	..... to	12.00 to 20.00	..... to .....	..... to
Adiantum.....	..... to 1.00	1.00 to 1.25	1.00 to 1.25	1.00 to 1.25
Smilax.....	..... to 15.00	15.00 to 20.00	15.00 to 20.00	15.00 to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00 to 35.00	25.00 to 50.00	25.00 to 50.00	35.00 to 60.00

erally although on carnations this statement will stand qualification, as there is quite a lot of bursted and otherwise undesirable stuff coming in. Cattleyas are still overabundant for the daily needs and are inclined to accumulate. Sweet peas are seen in all grades of good and bad and are entirely too plentiful.

There is very little change in the rose market this week. The shorts still have the call on account of the crops running

mostly to long stems. In carnations, prices remain unchanged. They must be very fine quality indeed to bring top quotations. The leaders at present seem to be Mrs. Ward and Pink Delight. When you hear the boys shouting on Chestnut and Market streets, "Fine carnations ten cents a bunch!" you can bet there are lots going at the wind-up for a quarter-cent and less. Cattleyas are still slow; Trianae will be over by Easter; Schroederiae is later but that is liable

(Continued on page 211)

H. BAYERSDORFER & CO. Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display New Show Rooms Added
THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 145 West 28th St., NEW YORK
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Fresh Cut Decorative Evergreens.

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FINE ROSES, FANCY CARNATIONS

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HEADQUARTERS for the entire output of the

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MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

	Last Part of Week ending Feb. 23 1918		First Part of Week beginning Feb. 25 1918	
American Beauty, Special	25.00	to 35.00	25.00	to 35.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	2.00	to 15.00	2.00	to 15.00
Hadley	2.00	to 50.00	2.00	to 50.00
Arenberg, Hoosier Beauty	2.00	to 10.00	2.00	to 10.00
Ward	2.00	to 8.00	2.00	to 8.00
Killarney, Radiance, Taft	2.00	to 8.00	2.00	to 8.00
Ophelia, Sunburst, Hillingdon	2.00	to 12.00	2.00	to 12.00
Key	2.00	to 12.00	2.00	to 12.00
Carnations	2.00	to 3.00	2.00	to 3.00

GROWERS' CUT FLOWER COMPANY

WHOLESALE FLORISTS

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Tel. 6237 / 3583 Farragut

E. J. VAN REYPER, Mgr.

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TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 28th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 664.

NEW YORK.

Flower Market Reports

(Continued from page 209)

to miss too, and it looks as if it might be a good idea for the growers to hold back a little. There is everything to gain and nothing to lose. Sweet peas hold their own very well as they have done the whole season. They keep coming in very large supply but no matter how many the market never gets swamped. They all find a buyer at fair and very steady prices. As to the quality, if we were not so used to its splendid superiority we would be shouting loud in a major key. There seems to be a reasonable supply of lilies, yet the prices are rather above normal. Gardenias are draggy. Daffodils and other bulbous stock very much in evidence. White lilac is still plentiful although the supply will dwindle from now on. Acacia pubescens and wallflower are to be noted among the new arrivals.

PITTSBURGH Business has been slow this week, except for a temporary "spurt" for Washington's Birthday. With the exception of roses of all grades, there is no shortage of any seasonable stock. Roses are holding their own as to prices, but carnations and daffodils, paper white narcissus, hyacinths, tulips—in fact bulb stock of all kinds are low. After an unusually long vacation, the milder weather again sees the street fakers in full evidence.

ROCHESTER The market is well stocked, especially with bulbous material. Trade has been quite uneven, but for Washington's Birthday the demand was fairly good. Roses continue of excellent quality. Large cuts of carnations are seen and they are considerably cheaper. Whites and Enchantress selling best. There is a good call for freesia of the better quality. Daffodils and other narcissi sell well, but the market is glutted with them. Violets are selling better, but prices are low. Exceptionally good sweet peas reach us and sell nicely. Many of the large potted hyacinths in baskets are being used as funeral pieces, this end of the business holding up remarkably well.

ST. LOUIS Transient trade considerably improved. Roses continue scarce while carnations are more plentiful. Violets are not quite as abundant and blooms are getting smaller. Sweet peas sell out quickly. Yellow daffodils are in from the south and influence the home-grown stock.

NEW FLOWER STORES.

Bainbridge, Ga.—W. A. Dole.
New York, N. Y.—M. A. Savades,
757 Sixth avenue.

Bridgeport, Ct.—New York Flower Store, Main street.

Milwaukee, Wis.—Caspers, Florist,
Burruum & Locust streets.

Birmingham, Ala.—Scott, the Florist, succeeding Kelly the Florist. |

NEW CORPORATION.

Norfolk, Va.—Grandy, the Florist, capital stock, \$15,000. Incorporators, J. E. Grandy, Jr., and W. G. Fearing.

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St. **NEW YORK** TELEPHONES
Farragut 167 and 3065

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Feb. 23 1918		First Part of Week beginning Feb. 25 1918	
Cattleyas	15.00	to 35.00	15.00	to 35.00
Dendrobium formosum	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum	4.00	to 8.00	4.00	to 8.00
Lilies, Speciosum	3.00	to 8.00	3.00	to 8.00
Callas	10.00	to 12.00	10.00	to 12.00
Lily of the Valley	2.00	to 5.00	2.00	to 5.00
Snadragon	2.00	to 10.00	2.00	to 10.00
Iris	8.00	to 12.00	8.00	to 12.00
Violets	.30	to .40	.30	to .40
Freesias	1.00	to 2.00	1.00	to 2.00
Narcis, Paper White	.75	to 1.50	.75	to 1.50
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00
Tulips	2.00	to 4.00	2.00	to 4.00
Daffodils	2.00	to 4.00	2.00	to 4.00
Calendula	2.00	to 3.00	2.00	to 3.00
Mignonette	3.00	to 4.00	3.00	to 4.00
Sweet Peas	.50	to 1.50	.50	to 1.50
Marquerites	1.00	to 3.00	1.00	to 3.00
Gardenias	8.00	to 30.00	8.00	to 30.00
Adiantum	.50	to 1.00	.50	to 1.00
Smilax	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Soren (100 bunches)	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

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Telephones, Farragut 5413 or 5891.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

VISITORS' REGISTER

Rochester, N. Y.—C. J. Ford, of Herrmann & Co., New York; L. J. Hartwell, Boston, Mass.

Philadelphia—Mr. Hopkins, rep. W. J. Newton estate, Norfolk, Va.; J. F. Sullivan, Detroit, Mich.

Chicago — A. E. Kunderd, Goshen, Ind.; C. D. Mills, Jacksonville, Fla.; Ernest Sullivan, Detroit, Mich.

Boston — Mr. and Mrs. Andrew Meikle, Newport, R. I.; Mrs. Carl Cropp, Chicago, Ill.; Robt. Greenlaw, repr. S. S. Pennock Co., Philadelphia, Pa.

Pittsburgh—John Bachmann, representing H. F. Michell Co., Phila.; A. Colyn, C. Colyn & Sons, Voorhort, Holland; Mr. Aull, Manila Flower Boxes, Dayton, Ohio; J. J. Goudy, representing Henry A. Dreer, Phila.

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EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

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Out Flowers of All the Leading Varieties in their Season.

THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

LOCAL AND GENERAL NEWS

CHICAGO.

The young wife of the house in the "Black Spot" greenhouse at Wilbur & Francis, which was put one year old, Feb. 19th.

George J. Kaspar, of the Batavia Greenhouse Co. had an unwelcome visitor in the shape of a burglar who got away with a considerable amount of jewelry.

Another firm has been organized to handle fertilizers. John Tiplady and Frank Moore have an office at 819 Exchange avenue and will no doubt be glad to see their friends there.

Mrs. Henry Wehrman, wife of one of Maywood's prominent growers, had the misfortune to fall and fracture one of her limbs recently. Her friends trust the accident will not permanently disable her.

Mr. and Mrs. J. F. Kidwell are visiting their sons, J. F., Jr., and Thomas, in Houston, Tex., where they have been in training since last October. Another son, Arthur, is with the Aviation Corps, in South Carolina.

James Morton, 2636 Warren avenue, for many years connected with the trade in various ways, has the sympathy of many friends in the death of his wife on Feb. 18th. Mrs. Morton has been ill for a long time.

Schiller the Florist, is so well satisfied with the five years on the north side that a new 20-year lease has been taken out. The location at 4509 Broadway is an ideal one, the store being in the form of a triangle and having large display windows on two sides.

F. O. Franzer, who has a store at 5319 N. Clark street and greenhouses also on the north side, has been confined to his bed for several months and unable to keep things running successfully. A branch store at 900 Belmont avenue has been given up and the landlord will dispose of it if possible.

So far, Chicago has not had the usual amount of long-distance stock shipped in this winter. The cold weather in the south cut the daffodil supply so home-grown stock has had the market to itself and until a few days ago California has failed to furnish anything. At present some good heather is being sold to our retailers by firms on the Pacific Coast.

The Chicago Wholesale Cut Flower Association has become a successful organization whose influence is felt in all large matters of interest to local florists. On Feb. 14th a banquet was held at the Hotel Sherman and following officers elected: President, August Poehlman; vice-president, Paul Klingsporn; treasurer, Philip C. Schupp; secretary, A. C. Kohlbrand.

BOSTON.

Dr. Donald Reddick, of Cornell University, read a paper prepared by L. M. Massey, of Ithaca, N. Y., before the Massachusetts Horticultural Society last Saturday on "The Diseases of Roses." It was profusely illustrated with lantern slides. Dr. Reddick ob-

served that the rose easily leads in value all others in fragrance and ornamentation. "It is susceptible, however," he said, "to many diseases, particularly the hybrids and of those diseases the 'Black Spot' is the most common and destructive. This disease is caused by a fungus and the best known and most effective remedy is a solution of 90 parts of ground sulphur and 10 parts arsenated lead."

ROCHESTER, N. Y.

Charles Sharp is confined to his home with the grip.

A round bed of hyacinths forms an effective window display of the Rochester Floral Co.

James Vick's Sons will occupy the location at 23 to 25 Stone street about March 6. The buildings have been remodeled and decorated especially for them.

Frank Pursell, of Irondequoit, is cutting some very fine White Killarney and Ophelia roses. The crop is not as large as last year owing to the severe weather.

Douglas M. White, in charge of Wilson's greenhouses, is well pleased with the advanced condition of his rambler roses for the Easter trade. Spirea and azaleas will be very scarce this year.

Charlie Gow, formerly employed at H. E. Wilson's, who has been in the trenches for fourteen months, was among the first to acknowledge his box which was sent by the Rochester Florists' Association. It arrived in first-class condition.

J. B. Keller Sons' George Washington window display was a large portrait surrounded by a magnolia wreath and clusters of American flags, a huge vase of lilies crowning the top with miniature cherry trees and white boxes tied with patriotic ribbon in the foreground.

CLEVELAND.

William Krusen, of Smith & Fetters, downtown florists, is recovering from his recent illness.

Timothy Smith, formerly of Smith & Fetters, now in business under his own name at the East 46th street market, is back after an illness of several weeks.

The Cleveland Florists' Exchange, of which G. W. Smith is president, continues for sale. In the meantime it is being operated as before. Mr. Smith is interested elsewhere and desires to put his time on other interests than the florist business.

The forcing of winter vegetables in greenhouses is a constantly growing industry in the vicinity of Cleveland. Tomato plants are well under way in greenhouses throughout the county. John G. Fisher, former county commissioner, is sponsor for the statement that most of the winter vegetables consumed in Cleveland are grown in Cuyahoga County and that the industry is increasing rapidly.

PHILADELPHIA.

Prominent in the market now are Iris tingitana and I. filifolia, wallflower, myosotis, and Purity freesia. If these are not exactly novelties they are at least cutting something of a figure. The snapdragon has also come up from below the surface, and is now very fine. The lowly and modest sweet pea is not so lowly any more but from all appearances seems to hold its own over even the hardy and triumphant rose and carnation. Increased quantities, splendid quality, and move off in great shape.

The glass, piping and fixtures of the Edgely greenhouses at Edgely, Pa., are being sold off. This plant consists of about 500,000 sq. ft. of glass, and was built some twenty-five years ago. It is thought that the big ship building operations on the upper Delaware, near Philadelphia, have led to new housing projects calling for large blocks of real estate. The place was originally owned by the Morwitz estate, and was later acquired by Chester E. Arnold and associates.

D. T. Connor, of the Lord & Burnham Co., reports business fairly good in a subsidiary way, but as usual he is keen to hear of somebody wishing to "start something." He would even be willing to consider favorably the construction of a conservatory on the top of the S. S. Pennock Co. building at 16th and Ludlow to produce those wonderful obconicas—"blooms as big as a dollar"—which their plant department is making quite a drive on at present. The head of the corporation smiled and said nothing. But one never can tell. Dennis is not easily discouraged.

PITTSBURGH.

Edward Earl Ludwig expects to return home on a furlough from Camp Hancock on March 15.

Pasquale Fabbuzzi, who was formerly with Joseph C. Trees, now has supervision of the magnificent "Grey-stone" grounds and greenhouse of Michael L. Benedum, Fifth and Highland avenues.

William R. Wamples has returned from a trip through West Virginia for the Pittsburgh Cut Flower Company and reports the business outlook on the whole most promising. Two Morgantown firms—the J. J. Watts Company and the South Park Greenhouses—both of which were entirely frozen out a few weeks ago, are arranging to resume operations in the early spring.

Hundreds of high school boys are shortly to take a two months' training course at State College preliminary to relieving the shortage of farm labor during the summer. Advanced students in the School of Agriculture will supervise the training, following which they will be placed in charge of farm camps. Twenty-four boys, a camp leader and a cook will compose each unit.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE

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 Our Selling Agents in N. Y., N. J. and Eastern States Territory

NEW YORK.

A thoughtful article on "The War's Effect on Horticulture in America" appeared in the Newark, N. J., Sunday Call, February 24, by W. A. Manda. An excellent portrait of Mr. Manda was given.

Arrangements have been completed for the annual dinner and dance of the New York Florists' Club to be held at the Hotel McAlpin, 34th street and Broadway, Saturday, March 16, 1918, at 7.30 o'clock. It is hoped to make this the most successful dinner on record. The committee will provide a good dinner and excellent music. Tables seating eight and ten persons may be reserved. Tickets \$5. Philip F. Kessler, Patrick J. Smith and Walter F. Sheridan compose the dinner committee.

NEWS NOTES.

Osnaburg, O.—M. Weirich has sold his greenhouse range to John S. Delap.

Springfield, Mo.—David Wiseman has sold his range of greenhouses to Mrs. R. H. Stokes.

Columbus, O.—J. C. Martin has bought the greenhouses of Winters & Cramer, North Broadway.

Griffin, Ga.—James F. Whatley has purchased the greenhouse range of C. A. Britton, Atlanta, and will move them to Griffin.

"TO CATALOGUE MEN."

This is the title of a pamphlet sent out by the Horticultural Department, H. A. Bunyard, manager, of the Nitrate Agencies, 102 Pearl street, New York. It exploits the new idea of Fertilizers and Insecticides on large and small saleable units, so that the catalogue man may readily accommodate the mail order trade which comes in for fertilizers put up in handy form and sizes to suit all, thus filling a "long felt want." The pamphlet lists the various products of the Nitrate Agencies Company in bulk and in packages.

FOR SALE

FOR SALE.—Property consisting of greenhouse and residence located on Ashland Street, Roslindale, near Calvary Cemetery. A fine opportunity for investment. Address L. Pfennig, 380 Ashland St., Roslindale, Mass.

GREENHOUSES FOR SALE.

Two 15 x 90 ft.; one 15 x 75 ft.; one 17 x 64 ft.; stocked with violets and one small Propagating House. Three acres choice land. House of 8 rooms and bath. Electric lights, city water, hot water heat for all. Price \$5,500, worth \$8,000. Located at Westboro, 12 miles from Worcester, Mass., on electric line. Apply to ARTHUR GEORGE, Florist, Westboro, Mass.

TO RESTRICT USE OF FUEL IN PRODUCING WINDOW GLASS.

After nearly three months of investigation and discussion with the interests involved, Fuel Administrator Harry A. Garfield has issued an order limiting the use of fuel for the production of common window glass to 50 per cent of the amount manufactured in 1917.

A survey of the field indicated that not more than 5,000,000 boxes of window glass would be used in 1918 and that competitive conditions were likely to result in an overmanufacture of this material by at least two or three million boxes, probably more. Each manufacturer was willing in the general interest to reduce his output to the extent mentioned, if assured that his competitors would be bound by the same restrictions.

Representatives of the workmen have taken part in the discussion and have agreed to make their part of the sacrifice. The order was delayed until this patriotic agreement had been made practically 100 per cent complete.

GREENHOUSES BUILDING OR CONTEMPLATED.

Yalesville, Ct.—Barnes Bros., one house.

Strongsville, O.—Samuel Hirt, one house, completed.

Providence, R. I.—T. C. Coderre, Richland street, one house.

Wooster, O.—Henry Hofacker, North River street, one house.

Boonville, Mo.—Vineclad Greenhouses, E. C. Stammerjohn, proprietor, rebuilding in the spring.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ALYSSUM VAR. BAUDISCHL.

A very pretty plant with beautiful variegated foliage. Very valuable as pot and bedding plant. Out of 2 in., \$5.00 per 100, \$35.00 per 1000; rooted cuttings, \$2.00 per 100, \$18.00 per 1000. Cash with order. EMIL H. BAUDISCHL, 753 Hamilton Ave., North Bergen, N. J.

BULBS

C. KEUR & SONS, HILLEGOM, Holland. bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

GOOD RETURNS WITHOUT THE COST OF COAL.

WITHIN THE REACH OF EVERY GROWER.

PLANT EARLY CHRYSANTHEMUMS. Such as will mature before the last of October. We are booking orders for delivery now or later as desired. Complete list of the best early, both Pompons and large flowering supplied upon request. If our 1918 Trade List has not reached you, ask for it. ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale. JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PHACOCK DAHLIA FARMS, Berlin, N. J.

GLADIOLI.

SEND FOR MY SPECIAL TRADE LIST OF GLADIOLI. ALL THE LEADING VARIETIES IN DIFFERENT SIZES.

CENTRAL GLADIOLUS GARDENS. JELLE ROOS, MILTON, MASS.

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Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

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HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

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Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

ROSES, CANNAS AND SHRUBS. THE CONARD & JONES COMPANY, WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

STRAWBERRIES

Strawberry Plants, Money making varieties. Catalogue Free. BASIL PERRY, Georgetown, Delaware.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

LEMON OIL CO.'S STANDARD INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Money Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Aphis, etc., without injury to plants and without odor. Used according to direction, our standard insecticide will prevent ravages on your crops by insects.

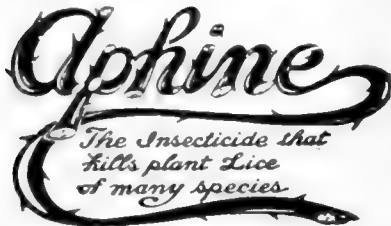
Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Itches away. Dilute with water 20 to 50 parts.

1/2 Pint, 30c.; Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide. A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.00.

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Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,
Harry A. Bunyard, Mgr.

NITRATE AGENCIES CO.
106 Pearl St., New York

When writing to advertisers kindly mention **HORTICULTURE**.

CATALOGUES RECEIVED.

Niles Nursery Company, Niles, Mich.—Special Trade List of Dahlias and Roses.

Currie Bros. Co., Milwaukee, Wis.—Farm and Garden Annual, Spring, 1918. Illustrated.

D. Hill Nursery Co., Inc., Dundee, Ill.—Wholesale Trade List of Evergreens, etc.

Wayside Gardens Co., Mentor, Ohio.—Spring Trade List of Hardy Plants and Bulbs, 1918.

Pech & Duggan, New York 1918. Descriptive Catalogue of Vegetable and Flower Seed.

F. C. Burns, San Rafael, Cal.—Dahlias for 1918. A special list of novelties and choice selections.

N. A. Hallauer, Ontario, N. Y.—Select List of Gladioli, Dahlias, Roses, Hardy Plants and Shrubs, 1918.

F. H. DeWitt & Co., Wooster, Ohio.—Wholesale List of Florists' Plants. Colored portrait of Fancy Pelargonium Wurtembergia.

Williams Seed Co., Norfolk, Va.—1918 Annual Catalogue of Garden, Field and Flower Seeds. A strong bid for the "War Garden" planters.

Jelle Roos, Milton, Mass.—Price list of the product of Central Gladiolus Gardens. An artistic cover in colors and nice clean makeup entitle this pamphlet to special attention.

W. Atlee Burpee & Co., Philadelphia—Burpee's Annual. "The Plain Truth About Seeds That Grow, 1918." 26 pages of flower and vegetable pictures in color. An enticing list of novelties included.

Thos. J. Grey Co., Boston, Mass.—1918 General Catalogue. A neat 108-page, meaty catalogue, covering the full range of vegetable and flower seeds, hardy perennial plants, shrubs, small fruits and implements.

Burnett Brothers, New York—Annual Catalogue of Seeds, Bulbs, Plants and Implements for 1918. An attractive publication, quite up-to-date and listing an excellent line of novelties and specialties in vegetable seeds.

Wm. Henry Maule, Inc., Philadelphia, Pa.—Maule Seed Book for 1918. Early Scarlet Radish on front cover and large flowering Antirrhinums on back cover make a glowing exterior dress for this, the 41st annual catalogue of this well-known seed house. It contains 176 pages of good things, profusely illustrated.

Weeber & Don, New York—"Sturdy Seeds for Garden, Lawn and Farm," being not far from the 50th annual spring greeting of this representative house. It is a creditable production, with covers illustrated in colors and an interesting novelty list. Special attention is given to seeds for school and community gardens.

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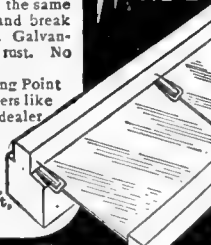
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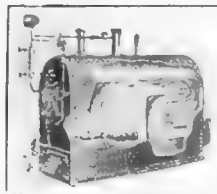
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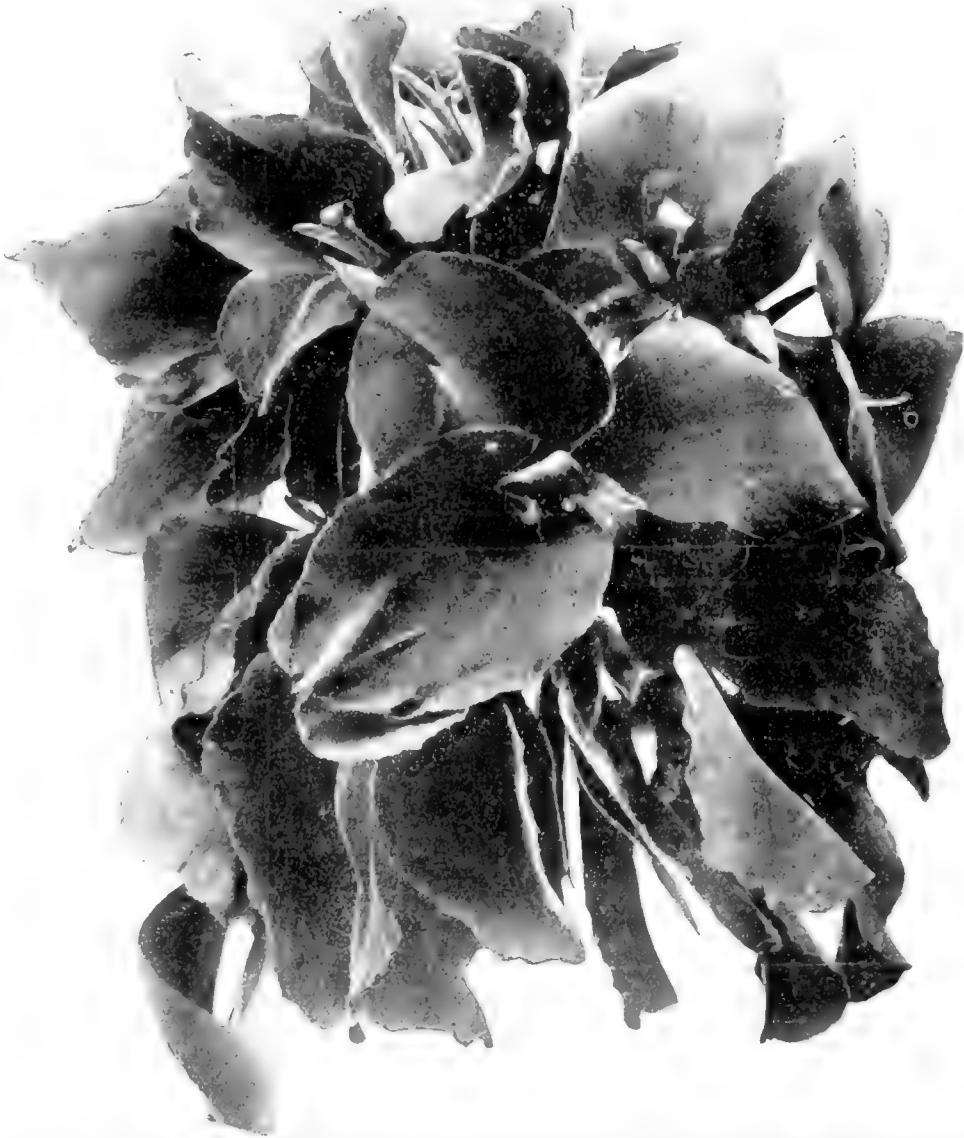
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PHILADELPHIA

Vol. XXVII
No. 10
MARCH 9
1918

HORTICULTURE



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Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

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Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Early Peas

This excellent vegetable never comes to the table too early in the season. As an article of food peas possess exceptional merit, being deliciously wholesome and highly nutritious. It should, therefore, be the aim of every gardener to do what he can to prolong the season of production. This is within the power of cultivators with even a limited amount of glass, and to this end a few seeds should now be started. The surest and simplest method is to first provide a stock of boxes four inches square at the ends, i. e., 4 inches wide and 4 inches deep and of a length convenient for handling, say about 3 feet. The bottom slat is left loose, being held in position by merely binding a strand of wire around each end of the box. This detachable bottom is readily removed and thus greatly facilitates the work of later transplanting. Peas of the dwarf kind are generally more amenable and to be preferred for this method of cultivation. In this class we now have the wrinkled as well as the round-seeded varieties from which to select for the earliest crops. Sow the seed rather thickly and place the boxes in the coolest section of the greenhouse remembering that a short sturdy plant is wanted. Water sparingly at first and at all times judiciously, air freely, and protect from vermin. A dusting of dry lime or soot may be occasionally given to render the plants unpalatable to vermin and insect pests, but not sufficiently heavy to injure the young leaves. Another method is to sow the seed in four inch pots and later with the aid of a trowel transplant the peas from these pots in clusters a foot apart in the row. Avoid breaking the ball of earth attached to the roots, and stick the rows immediately after planting to provide support and shelter for the plants. If there is a secret in thus growing peas to perfection, it lies in the avoidance of "forcing" at any stage of growth and unless the grower wishes to have the proverbial "More haste less speed" definitely exemplified, he will bear this in mind.

Celery

The present is a suitable time to sow celery for the main early supply even though a pinch of seed was sown during February. The dwarf varieties are best for this early sowing; we know of none better than the Golden Self Blanching. If sown too early celery often gives trouble by "bolting" prematurely, in which case

the fault more often lies with the cultivator than with either the seed or the weather. Early celery in particular, when once started, should be kept growing freely until finally transplanted into permanent quarters. Casual observance teaches that a check to growth will hasten the flowering of almost any kind of plant and it is not unusual for celery to suffer starvation and crowding when started too early in the season. It should then be understood that early sowing necessitates early planting, and if the plants cannot be given generous treatment from the beginning it is better to defer sowings until such provision can be made.

Onions

Onions intended for exhibition purposes require very careful management from the start. A temperature of 55 degrees to 60 degrees by night is necessary to promote uninterrupted growth. It is a matter of considerable importance to give extra care in transplanting seedlings whether from the seed pan into small pots or into "flats." The primary root of the onion descends to a greater depth than the top growth would suggest and as this root is the sole support of the young plant it is obviously important to keep it intact during the process of pricking off. Select only the strongest seedlings. Lightly spray the young plants with water early on bright days, admit air when weather permits, but avoid cold draughts. Maintain a buoyant atmosphere, keep the plants near the glass and free from crowding one another. Leeks intended for a like purpose should be given similar treatment.

Brussels Sprouts

These rank as the finest autumnal green vegetables, and details of culture deservedly command the attention of all who would grow them well. That this truly excellent vegetable cannot be said to compete with the cabbage in public demand, is due to the fact that it is seldom well grown. One of the main reasons for this is that many growers either fail to appreciate or else do not recognize the importance of a long growing season. To get the best out of this crop sow early, the earlier in March the better. Keep the plants stocky by cool treatment and frequent shifts before the final planting. Mere length of stem is not desirable in the early stage of growth, therefore, avoid crowding these plants.

PUBLICATION RECEIVED.

HOME VEGETABLES AND SMALL FRUITS. THEIR CULTURE AND PRESERVATION. By Frances Duncan.—Last season we had the pleasure of calling the attention of our readers to a very meritorious and timely volume, "The Joyous Art of Gardening." The new book now reviewed is by the same author and its chapters are characterized by the same ardent enthusiasm, completeness of detail and wealth of practical instruction which emphasized the earlier

volume and makes this latest addition to our popular garden literature especially valuable at the present time. The author believes that while doubtless much of the prevalent epidemic of garden thrift is ephemeral, yet it is destined to leave its mark permanently on our gardening tastes and methods. Gardening in America has definitely and seriously turned over a new leaf, thrift has unexpectedly become popular with all classes and the enthusiasm now well started has come to stay.

This is a book which every seed house especially should have on sale as providing a full and lucid reply to one and all of the myriad queries propounded "ever and anon" to the over-worked salesman by the customers at a season when his moments are most precious. There are seventeen general chapters, illustrated by thirty-six cuts and exhaustively indexed. It is published by Charles Scribner's Sons at \$1.40 net. Copies can be supplied by HORTICULTURE Publishing Company at publishers' price.

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Who is not glad that March is here?

Spring
in sight

"Cometh March with wind and rain;
 Cometh March with sun and shine;
 Cometh March the bold again—
 Weather sombre; weather fine."

Nobody loves March weather but at its worst it cannot equal what we have gone through for the past three months and whether it displays the fury of a lion or the gentleness of a lamb it is in either case the welcome prelude to a spring looked forward to by the majority of our readers with a yearning unprecedented. From almost every standpoint the winter now taking its last fling at us has been for the horticulturist a time of desperate struggle, uncompromising in its exactions and at times almost hopeless in its outlook. But, glory be, its pitiless clutch is at last weakening and it will soon be but an odious memory. May we never experience another like it. One such in a lifetime is sufficient.

What's
the damage?

Now that things are commencing to
 dry out, the nurseryman and garden-
 er will be watchfully reconnoitering
 among his plants, shrubs and trees to
 ascertain what destruction has been worked among
 them by the severe weather to which they have been
 exposed. It is rather early yet to form any but the most
 general conclusions, for the full effect of their exposure
 will not be disclosed for some time and we have still
 to pass through a most treacherous period with possi-
 bilities of mischief fully as great as in the midwinter
 freeze. Enough is already in plain evidence of dis-
 heartening havoc among subjects hitherto regarded as
 trustworthy. Yet it is quite possible that some things
 reputed to be unreliable may turn out to have stood the
 ordeal far better than one would dare to hope for under
 the circumstances, the why and wherefore of which no
 man can yet readily account for.

Do
it now

We have perused with interest the call for
 a "gardeners' conference" to be held in New
 York City on March 15, "to establish the
 profession of gardening in the public eye on
 the same high plane as other sciences." Certainly a
 most laudable purpose and one which we ardently hope
 may be well advanced on the way to fulfilment by the
 deliberations at the coming meeting. We hardly need
 to specify one imputation which has done much to re-
 duce the gardener in the employers' respect to the level
 of the menial. We made particular comment last week
 on the impending legislation in the State of New Jer-
 sey prohibiting the offering to or accepting by an em-
 ployee anything in the nature of a "tip" or gratuity as
 a commission, on orders, etc. We submit that the gar-
 dener, so far as this may apply to him, should not wait
 for the passage of any such restrictive legislation but
 on his own initiative, come out squarely and unequivocally
 in denunciation of these discredited practices. If
 the proposed conference can but bring this about, now,
 as a voluntary act, one of the worst impediments to the
 advancement of the gardener towards the same high
 plane accorded to "other sciences" will have been effec-
 tually removed.

Fallacious
ideas

"It's all wrong, this idea that in order to
 finance the war we must deprive ourselves
 of all but the bare necessities. For if you
 deny luxuries to those who can afford them
 you automatically deprive the less fortunate
 and less skilled of bread, raiment and shelter. No com-
 munity ever got rich by limiting its people to the bare
 necessities of life. All progress, all civilization, all wealth
 beyond the bare needs of the moment are the direct result
 of the production and sale of luxuries."

Thus reasoned one of the speakers at the opening of
 the big automobile show in Boston this week. His argu-
 ment fits well into HORTICULTURE's creed as applying
 to the horticultural industries, often expressed in these
 columns ever since the time last summer when narrow-
 minded, short-sighted people began to broadcast the
 pernicious doctrine that the public should abandon to
 their fate all non-essential industries, especially that
 of the florist. The delusion is dying a hard death but
 die it must and sentiments such as are above quoted,
 and on such an occasion, cannot but help very materi-
 ally to that end. Florists, nurserymen, gardeners, park
 and landscape men—all should take a resolute stand
 and speak up at every opportunity on this principle
 which so vitally affects not only their own sustenance
 but also in a great degree the prosperity of the entire
 community.

NURSERYMEN, ATTENTION!

"Market Development" is the word. Please keep your eye on it. There are many bye-roads of discussion, but let us travel steadily on the main road toward our real objective "Market Development."

It is a fine thing to know where you are going before you start. I recall once driving from Southern Pennsylvania to the City of Washington. It was before the days of the automobile. Of course the man who engaged me to go provided the funds and equipment. They were essential as they always are. The road was entirely strange to me; I was a mere lad, but it was easy because I knew where I was going.

Some fifty nursery firms already have promised to provide a share of the funds for this man-size journey or job of "Market Development" for us, Nurserymen. A glance over the list will show the substantial character of those who favor this move. The list is itself an index to firms who see where we are going and what we expect to get; but there are 1,000 Nurserymen in the country and more than a 1,000 evidently who are not yet aware of what is proposed. They may or may not have read the able statements already made; they may be considering the subject and intend to speak soon, and it is possible even that some "from Missouri" or not, still want to be shown "where we are going."

Increase in Net Profits in the nursery business is a need that all Nurserymen will recognize. The increase, of course, results from expenses cut or income increased. In the face of present increased cost of labor and material, with no sign of decreased selling expenses, there are small hopes of cutting expenses without curtailing output. On the other hand, there is always the possibility—even in war time—of raising the price or increasing the volume of sales. This is just what is proposed by Forward-looking Nurserymen. They are not trying to evade the fact that our country is at war. It is more than a temporary condition in the nursery business that we are facing. They believe that our Country needs our business; but it needs healthy industry. An industry in which 50% of its firms are not showing a decent profit, is not in healthy condition. "Increased Net Profits" for every Nurseryman is the objective back of the Market Development Campaign. Much beside advertising may need to be done for our own good—such as standardizing our methods for example, but can any subscriber of HORTICULTURE suggest a better way to increase Net Profits than by Market Development of the volumes and quality of our sales? We believe that this can be done if we co-operate at a cost small in proportion to the increase. It seems unnecessary here to repeat that the work of this campaign is counting for its support upon no less than every National, sectional and State Nurserymen's Asso-

ciation and every individual Nurseryman in the United States of America. It is proposed that the subscribers shall themselves organize to direct the campaign—the undersigned committee are to raise funds only.

After that will begin the real work. Let us realize that for every actual user of nursery stock in America to-day there are, we believe, at least five times as many possible consumers. That these four latent consumers to-day do not use our products is largely because they have not yet learned to know them, and to appreciate the profit and pleasure in store for them.

To educate and to inspire them to want our goods; to instruct and demonstrate their use nationally is a big job and must be done in a big way. Co-operation alone will do it.

Nurserymen should lead the way. No other group will benefit more; but we believe they will find willing co-operators in such a campaign among many notable groups outside our ranks.

The Press is eager for what their readers want and need to know horticulturally. Moving pictures will gladly lend us a hand. The schools and school garden movement in two years should be ready to get higher than underground crops, and the state and national horticultural agencies are already tools to our hands for a cause that will prove a boom and a blessing to the people.

Join the Ranks today. Your country needs you. Address any of the following Committee: F. L. Atkins, president; E. S. Welche, treasurer; John Watson, secretary; J. Edward Moon, Robert Pyle, Henry B. Chase, Paul C. Stark.

NURSERYMEN'S MARKET DEVELOPMENT FUND.

Early in January a few nurserymen decided to make a canvass of the trade to ascertain how many firms would give financial support to a campaign, national in its scope and educational in character, to develop the market for nursery products and encourage their more general and generous use. A committee was drafted to correspond with the trade for the purpose of ascertaining the sentiment towards such a movement. The response has been prompt and generous as indicated by the list of subscribers already secured.

The committee have limited themselves to a bare statement of the general proposition; they have not tried to present any plan or to work out any details in advance, recognizing that a cut-and-dried hand-me-down plan of campaign would be without any merit. It should be the privilege of all the subscribers to such a fund to help prepare their campaign or to pass upon it. And it is further recognized that the plan must follow a careful study of the needs of the subscribers, their identity, their location and their equipment with relation to the entire field. Obviously the plan cannot be

made until it is determined whom it is for. A tailor might as well attempt to cut out a suit of clothes for a man he had never seen and with whose size and shape he was unacquainted; nor would any publicity man nor merchandizing expert of any standing attempt to map out a plan for clients unknown.

The problem of the nurserymen is not so simple as that of the florists who use large displays in advertising for immediate results; the work of the nurserymen must necessarily be along the lines of educational publicity or propaganda, cumulative in effect and without expectation of immediate results. It is not hoped that the nurserymen's campaign can be started inside of a year at best and conditions other than present ones must be carefully considered. The nurserymen may be said to be looking ahead some years.

The list of subscribers to the Market Development Fund up to date is as follows:

* Amount per year for five years—J. W. Adams Nursery Co., Springfield, Mass., \$100; American Nurseryman, Rochester, N. Y., \$10; Andorra Nurseries, Chestnut Hill, Pa., \$250; B. F. Barr, Lancaster, Pa., \$25; E. P. Bernardin, Parsons, Kan., \$50; Bobbink & Atkins, Rutherford, N. J., \$250; James Brandle, Walpole, Mass., \$25; E. W. Breed, Clinton, Mass., \$25; Chase Nur. Co., Chase, Ala., \$250; Conard & Jones Co., West Grove, Pa., \$250; F. & F. Nur., Springfield, N. J., \$250; B. H. Farr, Wyomissing, Pa., \$25; Framingham Nur., Framingham, Mass., \$500; J. G. Harrison & Sons, Berlin, Md., \$500; Harrison Nur. Co., York, Neb., \$50; Julius Heurlin, So. Braintree, Mass., \$50; Isaac Hicks & Son, Westbury, N. Y., \$250; C. M. Hobbs & Sons, Bridgeport, Ind., \$100; Holsinger Bros., Rosedale, Kan., \$50; Hoopes, Bro. & Thomas Co., West Chester, Pa., \$250; W. W. Hunt & Co., Hartford, Conn., \$25; I. E. Igenfritz & Sons Co., Monroe, Mich., \$250; Jackson & Perkins Co., Newark, N. Y., \$250; Harlan P. Kelsey, Salem, Mass., \$100; Keystone State Nur. Co., Pittsburgh, Pa., \$25; Littlefield & Wyman, No. Abington, Mass., \$20; J. T. Lovett, Little Silver, N. J., \$100; Marshall Brothers Co., Arlington, Neb., \$50; McColgan Nur., Red Bank, N. J., \$10; J. J. McCormack, Lowell, Mass., \$25; J. Horace McFarland Co., Harrisburg, Pa., \$250; Thomas B. Meehan Co., Dresher, Pa., \$250; Wm. H. Moon Co., Morrisville, Pa., \$250; Mount Arbor Nur., Shenandoah, Ia., \$250; Mount Hope Nur., Lawrence, Kan., \$50; Adolf Muller, Norristown, Pa., \$50; Massachusetts Nurserymen's Asso., \$100; C. Momm's Sons, Irvington, N. J., \$10; National Nurseryman, Hatboro, Pa., \$50; New England Nur. Co., Bedford, Mass., \$25; Plainfield Nur., Scotch Plains, N. J., \$25; Princeton Nur., Princeton, N. J., \$250; W. C. Reed, Vincennes, Ind., \$50; Julius Roehrs Co., Rutherford, N. J., \$100; J. W. Root, Manheim, Pa., \$10; Shenandoah Nur., Shenandoah, Ia., \$250; Sherman Nursery Co., Charles City, Ia., \$100; H. M. Simpson & Sons, Vincennes, Ind., \$20; W. & T. Smith Co., Geneva, N. Y., \$250; Storrs & Harrison Co., Palmsville, O., \$150; Sonderegger Nur., Beatrice, Neb., \$50; Stark Brothers, Louisiana, Mo., \$250; Geo. E. Stein, Wrightsville, Pa., \$5; T. C. Thurlow's Sons, W. Newbury, Mass., \$100; Texas Nursery Co., Sherman, Tex., \$250; Jos. W. Thomas & Son, King-of-Prussia, Pa., \$25; U. S. Nursery Co., Roseacres, Miss., \$100; V. A. Vanleck, Newport, R. I., \$100; Waxahatchee Nursery Co., Waxahatchee, Tex., \$100; E. S. Welch, Shenandoah, Ia., \$250; H. J. Weber & Sons Nur. Co., Nursery, Mo., \$50; Westover Nur. Co., Clayton, Mo., \$50; A. E. Wohlert, Narberth, Pa., \$25; George B. Wright, Chelmsford, Mass., \$25; Naperville Nur., Naperville, Ill., \$50; Corn Belt Nur. & For. Ass'n., Bloomington, Ill., \$50; Suddler Bros., Bloomington, Ill., \$50; Leebey Bros., Chicago, Ill., \$50; Swain Nelson & Sons Co., Chicago, Ill., \$50; A. Bryant &

NEW ENGLAND NURSERYMEN'S
ASSOCIATION.

A partial statement of the gross nursery business transacted by the members of the Association in 1917, in-



R-54 TOWNSEND, ROY A. BAR HARBOR, ME.

Obituary

Michael J. Vielbig, a florist in Brooklyn and Rockaway Beach for fifteen years, died from Bright's disease on Wednesday at his home in Elizabeth, N. J.

Mrs. Sarah Charlton, widow of John Charlton of Rochester, N. Y., aged 76, died on Feb. 27, after a short illness. She leaves two sons, John A. and Joseph M. Charlton, and two daughters, Mrs. W. B. Kerr and Miss Margaret Charlton.

John Lynch, employed as a salesman by Norris F. Comley at the Boston Co-operative Flower Market, died at his home in Charlestown, on February 28, from quick consumption. His age was 24 years. He was a clever and popular young man.

Thomas Greaves, for many years a highly esteemed gardener at North Easton, Mass., died from heart disease at the Massachusetts General Hospital, Boston, on March 1. He was sixty-eight years of age. He leaves a widow and step-son, John McFarland of North Easton.

William F. Harkett, second son of W. A. Harkett, died Sunday morning, February 17, at the family residence, 179 Hill street, Dubuque, Ia. A several months' illness preceded his death, but he was not seriously ill until the past few weeks. Mr. Harkett was born September 8, 1875. He was educated in the local schools and since completing his studies has been associated with his father, the well known florist. Besides his parents, Mr. Harkett is survived by one sister, Miss Flora, and two brothers, Arthur and Charles, all of Dubuque. Mr. Harkett was a popular young business man, whose efforts were most helpful in the upbuilding of the Harkett nurseries. He was esteemed by friends without number.

THE RIBBON HOUSE

SCHLOSS BROS. RIBBONS, Inc.

IMPORTERS AND MANUFACTURERS OF

RIBBONS

31 and 33 East 28th Street - New York

ANNOUNCEMENT

EMIL SCHLOSS has purchased the firm of Schloss Bros. Ribbons, Inc., and will continue business at the same address.

The same careful attention to your wants will be at all times assured, as for the past 23 years.

Thanking you for past favors and hoping to receive your valued orders, I remain

Yours very truly,

SCHLOSS BROS. RIBBONS, INC.

EMIL SCHLOSS.

HEADQUARTERS

For Florists' Ribbons, Chiffons and Novelties

Clubs and Societies

GARDENERS' CONFERENCE IN NEW YORK.

A gardeners' conference, under the auspices of the National Association of Gardeners will be held at the Murray Hill Hotel, Park Ave. and 41st St., New York City, on Friday afternoon, March 15th. The session will be called to order promptly at two o'clock. A number of speakers, prominent in the horticultural activities throughout the country will address the meeting on subjects pertaining to the gardening profession, and there will be a general discussion of the national association's policy in relation to its co-operative endeavor with the gardeners' local societies and clubs; also of its proposed campaign to establish the profession of gardening in the public eye on the same high plane as other sciences. All interested in the progress of professional gardening are invited to attend the conference.

President Robert Weeks of the national association has called a meeting of the trustees and board of directors for Friday morning, March 15th, at eleven o'clock at the Murray Hill Hotel, New York.

M. C. EBEL, Secy.

R. I. HORTICULTURAL SOCIETY.

The first of a series of lectures on "War Gardens" was given on Feb. 19 at the monthly meeting of the Rhode Island Horticultural Society in the

Providence Public Library, when Dr. Burt L. Hartwell, director of the Rhode Island Experiment Station, talked on "Fertilizers." The society has decided that its lecture work for the season will be entirely devoted to the subject of the necessity of gardens in war time. A series of lectures will be given monthly, some of the subjects being as follows: March, "Planning the Garden;" April, "Insect Pests and Blights;" May, "Tillage;" June, "Canning." During July and August experts will be sent to different neighborhoods where there are many small gardens to offer advice to those who plant. The September meeting will probably be devoted to a lecture on "Storage," and the late fall meetings will probably be given over to studies of late fall fruits. The chairman of the lecture committee is Willard Hall.

HOLYOKE-NORTHAMPTON FLORISTS' AND GARDENERS' CLUB.

The regular meeting of the Holyoke and Northampton Florists' and Gardeners' Club was held at French Hall, Massachusetts Agricultural College, February 19. This was Carnation Night. S. J. Goddard, of Framingham, read a paper on Carnations, and was listened to with great interest. His vase of Laddie was certainly the finest thing the club has ever had the pleasure of seeing. Butler, & Ullman, of Northampton, won 1st for the best 25 carnations.

The next meeting will be with President H. E. Downer at Smith College greenhouses, when Wm. Sim is expected to be present.

R. S. CARY, Cor. Secy.

LANCASTER COUNTY FLORISTS' ASSOCIATION

On our visiting trip, on Feb. 21, in frigid weather, we learned some things, and here they are. First, at Amos Rohrer's the conservation of space was strongly evidenced by the flats of young carnation and other plants put up on shelving where they did little damage to the crop underneath, and from the looks of the young carnations they certainly liked their roost up near the glass better than if they had been down on the regular benches. Mr. Rohrer has specially good results from White Wonder, Belle Washburn and Miss Theo.

At Chas. B. Herr's Merry Christmas has been something of a disappointment, the result of about 20 per cent of diseased cuttings and its tendency to have a crooked neck. The flowers bunched, however, made a fine showing and with a little selection will no doubt come up to expectations. Mr. Herr is up against a coal proposition that is anything but pleasant, although he has never been as close to freezing up as some of the rest of us.

J. Wade Gale is a comparatively new man in the business but has been observant and today it can be said without exaggeration that he has the best two house of carnations in Lancaster County. His plants are going to exceed the fourteen flowers per plant that was considered by the Carnation Society a very liberal estimate, and I fully believe he is going to double the fourteen per plant, with the exception of Albert Roper, which

CHRYSANTHEMUMS

ELMER D. SMITH & CO.

See Classified Advertisement

and has been a success. The plants are each a variety of the best of the best.

With the plants and some real variety in the shape of W. J. Muth, L. H. Brown, J. G. Gutter, W. J. Waddingford, and James Brown, Coatsville, Pa.

In the discussion at the evening meeting it was brought out that the 1800 plants of Beacon produced 1,400 blooms for Christmas and that 1,400 plants of Alice produced 1,800 blooms for Christmas and this without any forcing of the plants. It was also brought out that Mrs. C. W. Ward always brings a better price than any of the other varieties but will not produce as much per square foot of space. The necessity of careful selection in taking cuttings was dwelt upon and instances were shown where the results fully justified any extra time that was used for such selection. Another feature of interest to the outside world was the method employed by B. F. Barr to have a continuous supply of good carnations for the store. He plants about two-thirds of them on raised benches and the other third on solid beds, the latter coming in heavy with bloom in the spring and early summer when the benches are on the decline.

Criticisms were offered on the carnation Albert Roper which produced one perfect flower in four, on Cottage Maid which was without any definite color and should be placed in the variegated class and in a separate class for bursting its calyx. Merry Christmas seemed to have a serious affliction of the neck and it was doubted if anything could be done to overcome this defect. Old Gold was up-to-date not considered worthy of an opinion.

Plans for a series of Ladies' nights are under way.

ALBERT M. HERR.

INCOME TAX REPORTS.

This timely and important subject will be thoroughly analyzed and explained at the next meeting of the N. Y. & N. J. Association of Plant Growers which will be held in Room 110, Breslin Hotel, Broadway cor. 29th St., New York City, Monday, March 11th, 1918, at 4 p. m. sharp.

Wm. H. Siebrecht, Jr., who as the florists' attorney has made an extensive study of the Income Tax Laws, will give an instructive talk on how the law affects you and how to fill out your report.

All members of the trade are cordially invited to attend.

A. L. MILLER, Pres.

Meetings Next Week

Monday, March 11.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

New York Florists' Club, Grand Opera House, New York City.

Rochester Florists' Association, 35 Main St., East Rochester, N. Y.

Cincinnati Florists' Society, Hotel Gibson, Cincinnati, O.

Tuesday, March 12.

Newport Horticultural Society, Newport, R. I.

Wednesday, March 13.

Cincinnati Florists' Society, Jabez Elliott Flower Market, Cincinnati, O.

Dutchess County Horticultural Society, Fairkill Bldg., Poughkeepsie, N. Y.

Lenox Horticultural Society, Lenox, Mass.

Morris County Florists' and Gardeners' Society, Madison, N. J.

Nassau County Horticultural Society, Pembroke Hall, Glen Cove, N. Y.

Thursday, March 14.

Menlo Park Horticultural Society, Menlo Park, Calif.

New London Horticultural Society, Municipal Bldg., New London, Conn.

Friday, March 15.

North Shore Horticultural Society, Manchester, Mass.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

To Publishers of Catalogues.

Provision has been made in the equipment of the Society's offices at 1170 Broadway, New York, for the filing of catalogues of firms and persons engaged in the production and sale of plants and plant stock, seeds, bulbs, greenhouse supplies and accessories, and goods used by florists in all branches of the trade.

All issuing catalogues are invited to file copies with the secretary, that access may be had to them at any time by all who may wish to avail themselves of this service.

JOHN YOUNG, Secy.

1170 Broadway, New York.

The Publicity Campaign.

At the request of Chairman Henry Penn of the Publicity Committee, concurred in by Chairman George Asmus of the Publicity Finance Committee, President Totty has ordered that a meeting of the joint committee be called for Saturday, March 16th, next, to be held at the offices of the Society, 1170 Broadway, New York, at 2 p. m.

JOHN YOUNG, Secy.

CLUB AND SOCIETY NOTES.

The Pennsylvania Horticultural Society has issued an interesting resume of the circumstances leading up to the introduction of the English sparrow into this country and saying a timely good word for this much abused feathered friend of mankind.

The Massachusetts Nurserymen's Association at its recent meeting in Boston elected officers for the ensuing year as follows: President, John Kirkegaard, Bedford, Mass.; vice-president, George C. Thurlow, West Newbury, Mass.; secretary-treasurer, Winthrop H. Thurlow; executive committee, Julius Heurlin, South Braintree, E. W. Breed, Clinton, Walter Adams, Springfield, and Richard Wyman, So. Framingham, Mass.

At a meeting of the Hamilton (Ont.) Horticultural Society, February 19, the first ground was broken for this city's increased vegetable production campaign by the president, John A. Webber, when he announced that instead of the usual supply of bulbs and flowers, members of the society would be furnished with vegetable seeds and plants during the coming spring. After reminding his hearers of the acuteness of the present world food shortage, Mr. Webber earnestly urged the members to substitute vegetables for flowers and to devote the time previously used in the cultivation of the latter to the raising of the former. (Bad advice—Ed.) Prof. J. W. Crow, of Guelph, gave an illustrated talk on successful backyard gardening.

One of the largest gatherings of the season, in Music Hall, Tuesday evening, February 26, attended the meeting of the Newport Horticultural Society, at which M. L. Davey, general manager of the Davey Tree Expert Company of Kent, Ohio, gave an address wide in its scope and interest. Mr. Davey arrived in Newport just in time for a dinner arranged by some of his friends among the members of the society, at which Mayor Burdick and Mr. Davey shared the post of honor. President Carter of the society acted as host, while the general feeling was one of good fellowship. Following the dinner the guests and the speaker of the evening adjourned to Music hall for the entertainment. Mr. Davey's address was very patriotic in character. He told how his company had been hit by the war, fully a third of the young men employed (it takes men between 20 and 30 to do the real tree work) being taken by the draft or having volunteered, which has left only a small working force to fill the next season's contracts.

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Two New Roses

ROSALIND and SILVIA

ROSALIND (A glorified Ophelia). The particular value of this variety lies in its exquisite coloring, which is entirely different from Ophelia. When the buds first show color they are bright coral, changing as they develop to apricot-pink, and when fully developed they are a most beautiful shell-pink. The flower is much more double than Ophelia, having at least one-third more petals. It is also delightfully fragrant. In habit of growth it is identical with Ophelia, from which it is a sport. Rosalind originated with us two years ago, and, grown side by side with Ophelia, is far superior to that variety.

Awarded first prize at International Flower Show, New York, March, 1917, for best new rose.

Awarded additional silver medal at same show for display of Rosalind.

Awarded silver medal by the Horticultural Society of New York.

Awarded silver medal by the Tarrytown Horticultural Society. Also numerous certificates.

SILVIA (Yellow Ophelia). Another beautiful sport of Ophelia, originating with us. The buds are long and pointed, beautiful sulphur-yellow, changing to creamy yellow as the flower opens, and when fully developed, pure waxy white. It is an unusual rose when fully expanded, five inches in diameter, and resembles the popular hardy climber Silver Moon, showing the same pronounced cluster of yellow stamens in the center. Exquisite in bud and unusually distinct and unique in the open flower.

Prices of above two varieties, strong plants, 2 1/4-in. pots, \$25.00 per 100, \$225.00 per 1,000; 225 plants for \$60.00.

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SEED TRADE

Production of Bermuda Onion Seed In Southwest.

It is interesting to note that seed from the home grown Bermuda onion seed, the Department of Agriculture of Agriculture, has been growing in the south western United States.

In 1916 the United States imported from the home grown seed, about 7,000 pounds of the Bermuda onion seed. The usual retail price is from \$2 to \$3 a pound. The price of the seed in 1917 was \$1.50 a pound. Until recently this country produced no Bermuda onion seed at all; and though good yields of the seed have been obtained at Laredo, Tex., the yield has not been wholly dependable from year to year. While in 1916 and the past year considerable California-grown Bermuda seed has been offered to the trade, the importance of producing a supply of seed from carefully selected mother bulbs was given special prominence by the results obtained through work of the Department of Agriculture begun at Sacaton, Ariz., in 1913 and 1914.

A few years ago the Bureau of Plant Industry co-operated with the Office of Indian Affairs in an experimental growing of Bermuda onion seed on the Pima Indian Reservation at Sacaton, Ariz., and the results show that there, and in similar localities, reliable supplies of onion seed, equal to the best imported from Teneriffe, can be grown. It is further stated by the Department of Agriculture that seed from carefully selected stock has been uniformly superior to the run of imported Bermuda seed, since onion growers in the Coachella Valley of California have achieved results similar to those at Sacaton.

The department states that it feels justified in saying that the American demand can soon be supplied with home-grown seed. Furthermore, the home seed when grown from mother bulbs of carefully selected strains promises a 25 per cent better yield than that from the imported seed. In 1917 the Bermuda onion crop of the United States, largely from Texas, was nearly three million crates. An increase of one-fourth means, therefore, says the department, that the incentive for a home-grown seed industry goes far beyond the mere question of replacing the volume of imported seed with an equal quantity raised at home.

Notes.

W. J. Donovan, who has been connected with the seed business in Springfield, Mass., for the past 20 years, has been engaged by the Carlisle hardware company as manager of its seed and implement business, which has been constantly on the increase and which has been enlarged from time to time.

Our attention is called by Chairman Therkildson of the A. S. T. Postal Laws Committee to a ruling of Post-

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master General Burleson, effective March 15, as follows: "Packages when mailed in the first or second zones for delivery in the first, second or third zones may thereafter be as heavy as seventy pounds." They now are restricted to fifty. The weight limit for all other zones was increased from twenty to fifty pounds. This will go a long way to relieve the express congestion and will be a great benefit to seedsmen.

Numerous inquiries are being received concerning the fixing of prices on clover seed and seed corn, and on beans, peas, and other seed crops, commonly used as food crops. Thus far the only commodity in the same category with the aforementioned ones upon which a price has been fixed is wheat, and in the case of wheat the restrictions in the matter of handling seed that apply to the licensed elevators and warehousemen do not apply to seedsmen, for it is recognized that seedsmen from the very nature of their business in being compelled to pay premiums for choice lots of wheat, in shrinkage resulting from re-cleaning and in parceling out their stocks in smaller quantities cannot work on so small a margin of profit as elevators can. The Food Administration has announced its intention to act in the matter of regulating prices or in restricting seedsmen as to profits or practices only upon the recommendation of the Department of Agriculture.

ACORNS

Being the Little Beginnings of Some Worthy Timber.

As this department is devoted to the evolution of big things from little, with particular reference to the fostering earth, what more fitting than that we should speak today of one who by grubbing in the soil early and late accomplished his own large development? Our hero, whose name is Howard, was born on June 22, 1869. For a while, but not for long, he busied himself with schoolbooks. When he quit this to go to work he was still young enough to be satisfied with a wage of \$4 per week. That's what W. Atlee Burpee & Co. paid him to make fires, clean windows and run errands. Dur-

ing the summer he "kicked" a Gordon press, at which he was expected to get off 8,000 impressions a day. Just after the blizzard of '88 he went to Fordhook Farms, near Doylestown, and began his real apprenticeship in the business which became his lifework. For \$6 a week he cleaned seed direct from the field, hand-weeded until his fingernails were worn to the quick, spread manure and fought most of the 400,000 varieties of insects scientists tell us there are in the world. For many years he toiled from sixteen to eighteen hours a day, plus about ten hours Sunday and holidays, and eliminated vacation altogether. All this was to inoculate himself with a complete knowledge of seed production. The inoculation took. In 1913 his boss sent him to Europe to observe methods practiced there, and, incidentally, to locate any vegetable or flower novelties being perpetrated in those parts. But several years before that he had traveled about among the growing crops in New York and Canada. There he spent his days in the fields and devoted his nights to the study of the printed works of noted horticulturists, and of the horticultural and agricultural press. Never believe that his boss was a slave driver; indeed, he was always one of the kindest and most considerate men in the world, for our hero planned himself this line of active work. In time he became the firm's business manager, and recently, because of the increase in the volume of business, production manager. We haven't room here to mention all the agri-and-horticultural associations of which he is a valued member, but without fear of successful contradiction, ladies and gentlemen, we present Howard M. Earl, premier expert seedman of these here United States!

Tom Daly in Phila. Evening Ledger, Feb. 15, '18.

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NEWS NOTES.

Sulphur Springs, Tex. Barlow the Florist has sold his greenhouses to W. W. Williamson.

New Haven, Ind.—The New Haven Floral Co. has purchased the store of Markey Bros. on Harrison street, also their range of greenhouses.

Libertyville, Ill.—The Meredith Flower & Vegetable Company has been ordered sold by order of the circuit court to satisfy a \$10,000 claim.

Elmira, N. Y.—A fire originating in an overheated smoke stack did several hundred dollars' damage to the greenhouse and stock of Mrs. Mary Orvis on February 13.

Farmington, Conn.—Mrs. J. C. Harwarth has rented her greenhouses and property to Mr. Becker of Brooklyn, N. Y., who will take possession March 15, and conduct the business.

Buffalo.—Henry H. Elbers, director of the Buffalo Botanic Garden, and retiring president of the Buffalo Florist Club, has left for a six weeks' tour of California where he will make various studies of plant life.

New Bedford, Mass.—Albert Macomber Williams closed out a paying florist business in order to volunteer as a bugler in Battery D, which is now stationed at Fort Banks. Mr. Williams is nineteen years old, son of Lewis S. Williams.

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Philadelphia—Chas. P. Guelf, repr.
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H. L. Holmes, Harrisburg, Pa.

Chicago—Miss Ella Kaber, of La
Porte, Ind.; Sam Seligman, New York;
Paul Berkowitz, of Bayersdorfer & Co.,
Philadelphia, Pa.; E. B. Washburn,
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hama, Japan; Ernest Saunders, Lewist-
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Mr. and Mrs. A. E. Thatcher, Bar Har-
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Dreer, Philadelphia, Pa.; H. C. Neu-
brand, Middletown, Conn.; Walter
Gott, repr. Sander & Son, St. Albans,
Eng.

NEWS NOTES.

Lenox, Mass.—Mrs. Alfred Gwynn
Vanderbilt has again made the offer
of use of ten acres of land at Erskine
Park for people who wish to cultivate
war gardens.

Dalton, Mass.—When the will of
Zenas Crane, late of Dalton, was of-
fered for probate it contained a
bequest of his half-interest in Pine
Grove Park to the town of Dalton.
Ex-Senator W. Murray Crane has now
transferred to the town by deed his
half-interest in the park. This gift of
several acres of land includes a
grove, athletic field and recreation
grounds.

Augusta, Ga.—P. J. Berckmans Com-
pany report that they have been fear-
fully busy this spring and find it sim-
ply impossible to handle shipments
with any degree of promptness, ow-
ing to shortage of labor. For the past
two years they have been short at
least forty or fifty hands, and it is
absolutely impossible to secure help.
The labor proposition in this section
is "something fierce." This has been
the warmest February here for
twenty-six years. We have jumped
from winter to summer.

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MARTIN REUKAUF

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433 Callowhill Street, Philadelphia

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON March 6		ST. LOUIS March 4		PHILA. March 4	
Roses						
Am. Beauty, Special	35.00	to 50.00	40.00	to 50.00	50.00	to 60.50
" " Fancy and Extra	15.00	to 25.00	15.00	to 20.00	45.00	to 50.00
" " No. 1 and culls	4.00	to 8.00	3.00	to 5.00	6.00	to 20.00
Russell, Euler, Mock	2.00	to 12.00	6.00	to 25.00	6.00	to 30.00
Hadley	2.00	to 12.00	8.00	to 10.00	5.00	to 15.00
Arenberg, Hoosier Beauty	2.00	to 8.00	2.00	to 4.00	4.00	to 12.00
Ward	2.00	to 8.00	3.00	to 6.00	4.00	to 6.00
Killarney, Radiance, Taft	2.00	to 8.00	4.00	to 6.00	3.00	to 10.00
Ophelia, Sunburst, Hillingdon	2.00	to 12.00	4.00	to 12.00	4.00	to 12.00
Carnations	1.00	to 2.00	1.00	to 3.00	1.50	to 3.00
Cattleyas	25.00	to 50.00	50.00	to 50.00	20.00	to 50.00
Dendrobium formosum	1.00	to 50.00	1.00	to 50.00	50.00	to 60.00
Lilies, Longiflorum	6.00	to 8.00	10.00	to 10.00	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	10.00	to 10.00	4.00	to 6.00
Callas	10.00	to 15.00	10.00	to 10.00	8.00	to 12.00
Lily of the Valley	5.00	to 8.00	8.00	to 8.00	6.00	to 10.00
Snapdragon	6.00	to 10.00	10.00	to 10.00	3.00	to 12.00
Violets	.35	to .75	.20	to .40	.20	to .50
Freezia	1.00	to 2.00	1.00	to 3.00	1.00	to 4.00
Narciss, Paper White	1.00	to 2.00	1.00	to 3.00	1.50	to 2.00
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00	2.00	to 3.00
Tulips	2.00	to 4.00	2.00	to 5.00	3.00	to 5.00
Daffodils	1.00	to 3.00	.30	to 2.00	1.50	to 3.00
Calendula	1.00	to 2.00	1.00	to 2.00	1.00	to 3.00
Mignonette	3.00	to 4.00	1.00	to 2.00	2.00	to 3.00
Sweet Peas	.50	to 1.00	.40	to 1.00	.40	to 1.50
Marguerites	1.00	to 2.00	1.00	to 2.00	.75	to 1.50
Gardenias	15.00	to 25.00	1.00	to 1.00	5.00	to 20.00
Adiantum	1.00	to 1.25	1.00	to 1.00	1.00	to 1.50
Smilax	20.00	to 25.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (200 Bchs.)	35.00	to 50.00	25.00	to 35.00	35.00	to 60.00

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568-570 WASHINGTON STREET - BUFFALO, N. Y.

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184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

BOSTON While it cannot be truthfully said that trade is brisk, yet it has occasional spells of activity which are very encouraging and at such times the amount of material disposed of in the markets and wholesale houses is very large. A dull day or two intervenes and then there are unwieldy accumulations which the salesmen unload only with great difficulty and at "job lot" figures. Roses are on the decline as to crop and quality with many growers but there are still some fine ones coming in and these have held their value quite well, while the prices on under-grade stock have declined. Carnations continue to be over plentiful for the demand with much of the stock showing split calyxes and other blemishes, due undoubtedly to low growing temperature in the houses. Lilies are showing the result of cold quarters also, and the majority of the flowers seen are very inferior. Bulbous material is still coming in strong, quality excellent and sales pretty good. Callas are particularly good, and so also are the single violets.

CHICAGO A large supply of all kinds of flowers fills the Chicago market at this time. The increase has been gradual for the past month and now there is all that can be used to advantage. Just at this time the curtailing of the number of trains going out of Chicago restricts the out-of-town trade till outside florists become familiar with the new conditions and place orders early. Beginning March 4 there are but two express trains daily to St. Louis when formerly there were six, affecting all south and southwest shipments. A large number of sweet peas are coming now. Carnations are so plentiful that prices have dropped. Roses too are fully equal to demand and spring flowers are far too much in evidence. Signs are displayed offering shamrock plants to the prudent buyer who places his order early.

PHILADELPHIA Trade is fairly good here and cleaned up pretty well but at low prices. The overstock is mostly in carnations, sweet peas and bulbous flowers. Roses are still on the scarce list. Gardenias and orchids are draggy. Freesias go well but are lower in price on account of increased supplies. Lilies are in good supply. Lily of the valley scarce. In the greens market there is a marked increase in the supply of asparagus plumosus and prices are much easier on that item.

ROCHESTER, N. Y. Trade has been very good. Roses are fairly plentiful. Ophelia, Sunburst, White and Pink Killarney and Shawyer being most in demand. Carnations are very plentiful but weak stemmed. Violets are abundant and demand irregular. Very fine sweet peas are seen. Freesia is very popular this year. Lilies, callas, tulips and all the narcissi in abundant supply. Week end sales of bulbous stock are seen in about all stores. Asparagus plumosus is very scarce.



SWEET PEAS

Choice, even choicer than they have been at any time this season, in quantity, all lengths, in all colors, several of the newer shades.

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Extra Long	\$2.00
Long	\$1.00, 1.50
Medium75
Short40, .50

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies.

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BALTIMORE
Franklin & St. Paul Sts.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI		CHICAGO		BUFFALO		PITTSBURG	
	March 4		Feb. 25		March 4		Feb. 4	
Roses								
Am. Beauty, Special	40.00	to 50.00	50.00	to 60.00	40.00	to 50.00	40.00	to 50.00
" " Fancy and Extra	25.00	to 35.00	40.00	to 50.00	25.00	to 35.00	20.00	to 35.00
" " No. 1 and culls	10.00	to 15.00	20.00	to 30.00	15.00	to 20.00	10.00	to 15.00
Russell, Euler, Mock	8.00	to 15.00	5.00	to 25.00	6.00	to 12.00	8.00	to 25.00
Hadley	8.00	to 15.00	.....	to	5.00	to 10.00	.....	to
Arenberg, Hoosier Beauty	6.00	to 10.00	4.00	to 25.00	5.00	to 10.00	.....	to
Ward	4.00	to 8.00	4.00	to 12.00	4.00	to 6.00	6.00	to 12.00
Killarney, Radiance, Taft	4.00	to 10.00	4.00	to 12.00	4.00	to 10.00	6.00	to 12.00
Ophelia, Sunburst, Hillington	6.00	to 12.00	4.00	to 12.00	5.00	to 12.00	6.00	to 12.00
Carnations	2.00	to 4.00	1.50	to 4.00	2.00	to 3.00	2.00	to 4.00
Cattleyas .....	.....	to 60.00	35.00	to 50.00	50.00	to 60.00	40.00	to 60.00
Dendrobium formosum .....	.....	to .....	.....	to .....	.....	to .....	.....	to
Lilies, Longiflorum	10.00	to 12.00	8.00	to 12.00	8.00	to 12.00	10.00	to 12.00
Lilies, Speciosum .....	.....	to .....	.....	to	4.00	to 6.00	4.00	to 8.00
Callas	8.00	to 10.00	8.00	to 12.00	8.00	to 12.00	.....	to
Lily of the Valley	5.00	to 6.00	4.00	to 6.00	4.00	to 10.00	.....	to
Snagdragon	4.00	to 8.00	8.00	to 12.00	8.00	to 10.00	4.00	to 8.00
Violets .....	.50	to .75	.50	to .75	.50	to .75	.35	to .75
Freesia	2.00	to 4.00	2.00	to 4.00	2.00	to 3.00	4.00	to 6.00
Narcis, Paper White	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00
Roman Hyacinths	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	2.00	to 4.00
Tulips	3.00	to 4.00	3.00	to 5.00	2.00	to 3.00	4.00	to 6.00
Daffodils	3.00	to 4.00	2.00	to 4.00	2.00	to 4.00	.....	to
Calendula	2.00	to 4.00	2.00	to 3.00	1.00	to 3.00	3.00	to 6.00
Mignonette	4.00	to 6.00	4.00	to 6.00	2.00	to 5.00	.....	to 5.00
Sweet Peas .....	.75	to 2.00	.75	to 2.00	1.00	to 2.00	.75	to 3.00
Marguerites .....	.....	to 1.00	.....	to 1.00	1.00	to 1.50	1.00	to 3.00
Gardenias .....	.....	to 12.00	.....	to 20.00	.....	to .....	.....	to
Adiantum .....	.....	to 1.00	.....	to 1.25	1.00	to 1.25	1.00	to 1.25
Smilax .....	.....	to 15.00	.....	to 15.00	15.00	to 20.00	15.00	to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	25.00	to 35.00	25.00	to 60.00

NEW YORK This market pulls along at a somewhat uneven gait, at times discouragingly slow with enormous quantities of unsold flowers piled high in the wholesale establishments and at other times developing a lively pace on one or the other line, which brings a promising array of buyers' autos into the wholesale district and, for the time being puts a bit of "pep" into the situation. Sales in quantity often run at low figures to unload, especially

on bulbous flowers, sweet peas and carnations. Violets, too, have found a very unappreciative market most of the time but roses have made a fairly good and uninterrupted record with market values tending downward but yet sustaining no demoralizing break. There are plenty of lilies but many of them are little better than rags. Callas, on the other hand, average good in quality. Cattleyas are still in abundant supply with prices moderate. Oncidiums are fine but are hard to move at any figure.

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New Show Rooms Added

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Stock in America. Write for Illustrated
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Brooklyn's Foremost and Best

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FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
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MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Mar. 2 1918		First Part of Week beginning Mar. 4 1918	
American Beauty, Special	25.00	to 35.00	25.00	to 35.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	8.00	to 20.00	2.00	to 20.00
Hadley	2.00	to 50.00	2.00	to 50.00
Arenberg, Hoosier Beauty	2.00	to 10.00	2.00	to 8.00
Ward	2.00	to 8.00	2.00	to 8.00
Killarney, Radiance, Teft	2.00	to 8.00	2.00	to 8.00
Ophelia, Sunburst, Hillingdon	2.00	to 12.00	2.00	to 15.00
Key	2.00	to 12.00	2.00	to 15.00
Carnations	2.00	to 3.00	1.00	to 3.00

**GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS**

129 West 28th Street

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3563

E. J. VAN REYPER, Mgr.

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LILIES EVERY DAY

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Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 684

NEW YORK.

CLUB AND SOCIETY NOTES.

The New England Cemetery Association held its annual meeting and dinner at Young's Hotel, Boston, with about 30 present. Daniel Thurber of Providence, the retiring president, presided. H. C. McLeod of Toronto, Ont., and Edgar King of Springfield spoke. These officers were elected: E. C. Smith, Manchester, N. H., president; Leonard Ross, Boston, vice-president; H. A. Derry, Everett, secretary and treasurer.

The Massachusetts Fruit Growers' Association held its 24th annual convention in Worcester, last week. Officers were chosen as follows: President, Willard A. Munson of Walpole; vice-presidents, Albert R. Jenks of Springfield, Archer N. Tuttle of Warren, John W. Howes of Ashfield and C. W. Mann of Methuen; secretary-treasurer, F. Howard Brown of Marlboro; auditor, H. Ward Moore of Worcester.

The Lenox (Mass.) Horticultural Society has voted not to give its annual ball this year. This vote was taken after a discussion of the general conditions in Lenox and the country, and is a step toward conservation of energy and money. It will be the first year in the history of the society that it has not given a ball, which always has been a leading entertainment in village life. Moreover, the horticultural society will not hold its annual shows in 1918.

A NEW SEMI-MONTHLY PUBLICATION.

The Southern Farmer will begin its career in the interest of Livestock, Agriculture, Horticulture, and Poultry, on March 10, 1918, at Poteau, Oklahoma, the home town of its editor, J. E. Fleming.

We are pleased to welcome the Southern Farmer to the growing family of agricultural publications and to extend our best wishes for its success.

COVER ILLUSTRATION.

We take pleasure in presenting one more picture in the series of views in famous horticultural places in the far east collected by R. M. Ward in his recent tour. The illustration speaks for itself and its features of interest will be at once apparent to the plantsman.

NEW CORPORATION.

Austin, Tex.—Potter Floral & Confectionery Company, capital stock, \$75,000. Incorporators, Herbert L. and Jennie A. Potter, W. D. Wise and M. Jackson.

Ben Hammond, of Beacon, N. Y., is nothing if not original. His latest is his wonderful calendar for 1918. It is not pictorial but for information about things people want to know, for hundreds of things we hunt around for and waste time on, it is a jewel. Get one if he has any left.

G. C. W.

IF You Want Anything from Boston Get It From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

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2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

J. K. ALLEN

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Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Mar. 2 1918		First Part of Week beginning Mar. 4 1918	
Cattleyas.....	15.00	to 40.00	15.00	to 40.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	4.00	to 8.00	4.00	to 8.00
Lilies, Speciosum.....	3.00	to 8.00	3.00	to 8.00
Callas.....	10.00	to 12.00	10.00	to 12.00
Lily of the Valley.....	2.00	to 5.00	2.00	to 5.00
Snappedragon.....	2.00	to 10.00	2.00	to 10.00
Iris.....	8.00	to 12.00	8.00	to 12.00
Violets.....	.30	to .40	.30	to .40
Freessias.....	1.00	to 2.00	1.00	to 2.00
Narciss, Paper White.....	.75	to 1.50	.75	to 1.50
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Tulips.....	1.00	to 3.00	1.00	to 3.00
Daffodils.....	2.00	to 4.00	1.00	to 4.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	2.00	to 4.00	2.00	to 4.00
Sweet Peas.....	.50	to 1.50	.50	to 1.50
Marguerites.....	1.00	to 3.00	1.00	to 3.00
Gardenias.....	8.00	to 30.00	8.00	to 30.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Spreng (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

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High Class Product of the Leading Growers

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347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

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EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

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We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
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ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
SOUND BROOK, N. J.

Local and General News

CHICAGO

R. L. Anderson, manager of the large department at the A. L. Randall store.

After a long and successful career in the garden business, Anderson is now with A. L. Randall, one of the "top stores" best.

Wm. Welt, who has been for many years with A. Lange, is one of the head salesmen, has left to go into business for himself. His many friends wish him success in his undertaking.

The weather bureau confirms the opinion of Chicago people that they have had "some snow" this winter, by stating in the February summary that to date the snow fall has been 62.7 inches, exceeding all previous records.

An accident, while practicing aviation at Ft. Worth, Texas, where he is a first lieutenant, has given George Anderson, formerly a cashier at Pohlmann's, a vacation. He will go to France as soon as he recovers from a broken collar bone.

This week the Fleischman Floral Co., has a large mirror in the floor of their display window, back of which are 22 phalaenopsis plants whose long sprays of flowers droop over and are reflected in it. Close to the edge are clusters of cattleyas and the whole effect is fine.

C. L. Washburn had a much appreciated visit from his son, E. B. Washburn of Pasadena, Calif., who was on his way to Columbus, O., for aviation training. Mr. Washburn has been several years in California, where he has entirely recovered his health and now is able to serve his country in her time of need.

Wm. Graham, for two years manager of the Fleischman Floral Co., E. Jackson Boul., severed his connection there on March 1st. Mr. Graham will return to Philadelphia where he will represent the A. L. Randall Co. in the city of brotherly love. Edwin Mallinson, who has also been with the Fleischmans two years will succeed Mr. Graham as manager.

The late arrival of lily bulbs has made special care necessary in order to have the flowers in for Easter. It is an unusual fact that while some of the growers are having their difficulties in getting the plants along fast enough, others are working just as hard to hold theirs back. What causes the difference is hard to determine, for it is evident that it is not in the temperature.

Poehlmann Bros. orchid range never has produced so large a crop before in its history, and Chicago retailers have taken this opportunity to make this choice flower a special feature in window displays. Last week Geo. Wienhoeber had a window of phalaen-

Gardeners' Chronicle

(OF AMERICA)

IS pages are devoted exclusively to gardening. Its notes on the growing of flowers, fruits and vegetables are precise and practical and do not leave the reader in doubt on methods of procedure.

The contributed articles are from the pens of the foremost gardeners in America, while its digests are from the leading American and European horticultural periodicals.

The Gardeners' Chronicle provides a fund of helpful knowledge each month for all interested in gardening and is creating among its readers a real gardening spirit.

SOME OPINIONS ON GARDENERS' CHRONICLE'S MERITS

"The writer is much interested in reading your Journal for it takes him back to the days when he read every line in 'The Garden,' 'Gardeners' Chronicle' (London), 'Garden and Forest,' etc., etc. It is a pleasure to read a journal of your character." A. B. Phila., Pa., 9-13-17.

"I am not a gardener, but employ two, and subscribe to your paper. Always find something instructive and interesting in it. Your selecting interesting articles from other publications is a good idea for then your readers seldom miss a good thing." W. C. E., Highland Park, Ill., 9-26-16.

"I read your magazine from cover to cover. It is practical and the information contained is helpful to me." Mrs. E. F., Newark, N. J., 4-3-17.

"I think all people interested should appreciate this wonderful magazine which I think IDEAL." J. P. W., Youngstown, Ohio, 1-13-17.

"I value your magazine as one of the BEST publications I receive on gardening." W. J. B., Englewood, N. J., 3-23-17.

"I am greatly interested in your magazine and would not be without it." J. L. R., Denver, Colo., 3-2-17.

"I think the last number of the Chronicle is excellent and I am recommending it to everyone as being the best purely garden paper." H. L., New York City, N. Y., 3-30-17.

"Enclosed find renewal. Be sure and send the October copy. I don't want to miss a single number."—L. N. R., Nokesville, Va., 10-17-17.

"Enclosed find subscription. I used to take your magazine but dropped out which was a mistake." Mrs. E. J. E., Oskaloosa, Ia., 4-4-17.

As an introductory offer the Gardeners' Chronicle will be sent to you for the remaining months of 1918, if you will forward your address and \$1.00 to

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286 Fifth Avenue, New York

opsis plants in full bloom and on March 4th boxes containing 700 cattleyas and phalaenopsis was a beautiful sight. The next day not a blossom remained, all being used in sprays, wreaths and baskets for a large funeral. Those who are seeing the future of the florists' business with pessimistic eyes should receive cheer from the knowledge that the family order alone was for \$1,500.

NEW YORK.

The new membership list of the New York Florists' Club which has just been sent out by Secretary John Young, shows a total of 411 members of whom eleven are in the service of their country.

Emil Schloss has acquired the business of Schloss Bros. Ribbons, Inc. Mr. Schloss is deservedly the most popular man in the florists' ribbon business in New York and we wish him continued prosperity.

The International Flower Show is a leading topic now among the trade and will so continue with increasing intensity until the opening day, Thursday, March 14. All arrangements now

completed indicate that the show will compare favorably with the shows that have been held previously. There will be Rose Gardens, Rock Gardens, Dutch Bulb Gardens, and many new sensational attractions. The American Rose Society will participate in the affair and some noteworthy exhibits of rose novelties are assured. The trade booths already engaged are many and there will be plenty to interest and enlighten trade visitors, of whom a large attendance is looked for.

Anton Schultheis, of College Point, who was one of the speakers at Ithaca, in "Farmers' Week," made quite a hit with his paper on "How the Agricultural Colleges can serve the Florist and the Plant Grower." He emphasized the great need for quantities of well-grown spring vegetable plants under glass and the florists' patriotic duty in producing such, and gave cultural suggestions based upon his experience. In closing, he said: "Get busy as quickly as possible and use your utmost influence at Washington with the fuel administration to give



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us coal to enable us to raise vegetables which must be planted early outdoors. This will help the small man and the farmer to get enough plants to plant out next spring and to save this country from food shortage. If anyone is able to do important work to save the country and win the war, it is the greenhouse man by raising a great surplus of all kinds of young cabbage, salad and tomato plants. Even if the plants must be distributed free to poor people, it is the florists' duty to perform."

ROCHESTER, N. Y.

George Pringle returned to business on March third, after an absence of two and one half months.

The bankruptcy stock of F. R. Bohnke was purchased by his mother. Mr. Bohnke will again take up business at the same stand.

George M. Keller of Brighton is erecting two greenhouses 20 x 75. Paul Thoman, who has been confined to his home for sometime with a broken ankle, is back to business.

J. H. West, grower of Irondequoit, suffered a loss of \$2,000 on February 26th by his chimney being blown over, damaging two greenhouses, 30 by 180 feet, breaking the glass at both ends and freezing the plants.

At Highland Park the outdoor work is progressing—pruning trees and shrubs and transplanting evergreens and mulching. At the Lamberton Conservatories the winter display is in full bloom consisting of azaleas, rhododendrons, acacias and bulb stock.

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BOSTON.

Minot H. Carter, formerly with the Wakefield Conservatories, will conduct the flower store at 394 Main street, Wakefield, under his own name.

Ed. J. Welch, son of Patrick Welch, who has been in San Francisco and Los Angeles, Cal., for the past two years has returned and taken up his old position with Welch Bros. Co.

We understand it has been finally settled that E. H. Wilson will continue his plant explorations in China and Formosa for the Arnold Arboretum for another year before returning to this country.

Miss Annie Simmons, of Hitchings & Company's Boston office, in the interests of an educational campaign, spoke at Beverly last Tuesday even-

ing before members of the Agricultural Division of the United Shoe Machinery Company and their friends. The lecture was illustrated with excellent lantern slides showing exterior and interior views and the construction of both private and commercial greenhouses as well as garden frames. Methods of growing under glass were also shown and described.

Both the Boston Co-operative Flower Market and the Boston Flower Exchange have, for the past number of years, opened the markets for the trade at 6 a. m. and closed at 5 p. m. During the past few months of 1917 and 1918, at the request of the United States Fuel Commission, the markets have been opened to the trade at 7 a. m. and closed at 4 p. m. In view

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

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Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa. Large breeding pairs for sale. Send for price list.

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Greenhouse glass, lowest prices. JOHNSTON GLASS CO., Hartford City, Ind.

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HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

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Paper Pots and Dirt Bands. Send for Samples and Prices. F. W. ROCHELLE & SONS, Box 65, Chester, N. J.

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Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

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Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGRE & HURRELL, Summit, N. J.

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Strawberry Plants. Money making varieties. Catalogue Free. BASIL PERRY, Georgetown, Delaware.

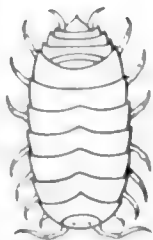
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SOW BUGS versus SLUG SHOT



After reading the article headed "An Army of Sow Bugs," in the Review for May 10, it occurred to me that the growers whose stocks have been attacked by Sow Bugs might be interested in the remedy I used successfully in exterminating these pests some time ago. I had a good crop of Sow Bugs in my Carnation house and asked Mr. Benjamin Hammond, of Beacon, N. Y., for a good exterminator. Mr. Hammond recommended one of his preparations—SLUG SHOT—and told me to dust it between the plants, under the benches and along the walks. I did so and the results were gratifying. The bugs were cleaned out in short order, and I certainly recommend SLUG SHOT to every Florist who finds these bugs in his houses. ALEXANDER A. LAUB, Florist. New Hamburg, N. Y., May, 1917.

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of the good results obtained during these hours, it is the desire of many of the growers to petition the Board of Directors of both markets to continue opening at 7 a. m. and closing at 4 p. m. However, the market is to be open from six to seven in the morning to the growers or their shipments of goods—the doors to remain closed to the trade until 7 o'clock. This seems advisable because the grower and the salesman will have an opportunity to fill his orders for the day and also it gives him ample time to arrange his flowers in a salable condition. There are at the present time in the Co-operative Flower Market a list of fifty growers, in the Flower Exchange thirty growers, making a total of eighty, who are interested and in favor of this change. It is, however, necessary, in order that any action may be taken by the Board of Directors, to have at least a majority in favor, and to that end the committee of growers are working industriously.

CATALOGUES RECEIVED.

D. Hill Nursery Co., Dundee, Ill.—Wholesale Trade List, 1918, for Nurserymen, Florists, Seedsmen and Dealers.

J. Bolgiano & Son, Baltimore, Md.—Bolgiano's "Big Crop" Seeds; Wholesale Prices for Market Gardeners, Spring 1918.

Peter Henderson & Co., New York City—Henderson's Farmers' Manual for 1918. Fills its mission as indicated by its title and a very valuable publication at this critical time. Fully illustrated.

GREENHOUSES BUILDING OR CONTEMPLATED.

South Auburn, Neb.—C. G. Milam, 140 ft. addition.
Temple, Tex.—Schroeder Floral Company, two houses each 34 x 200.

We are very sorry to learn of an accident which befell J. F. Huss of Hartford, Conn., whereby he had the misfortune to break his wrist in a fall down the cellar stairs.

LEMON OIL CO'S STANDARD INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

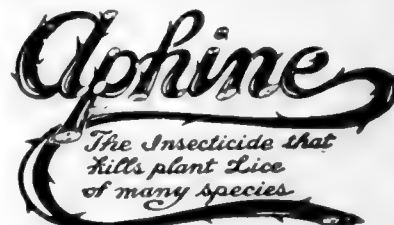
Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

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½ Pint, 30c.; Pint, 50c.; Quart, 90c.; ½ Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

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The Recognized Standard Insecticide. A spray remedy for green, black, white fly, thrips and soft scale.

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For mildew, rust and other blights affecting flowers, fruits and vegetables.

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For eel worms, angle worms and other worms working in the soil.

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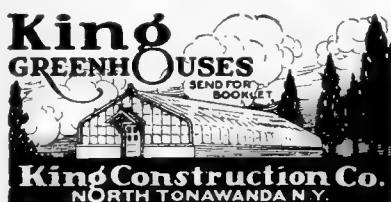
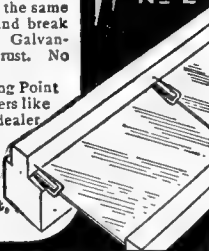
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OF the hundreds of new varieties of Sweet Pea that it has been our pleasure to introduce, none have become so popular as **BURPEE'S "FIERY CROSS."** This Sweet Pea bore the distinction of being the highest priced Sweet Pea that the world has ever known. We paid the introducer \$1.40 a seed for every seed that was in existence at that time. **"FIERY CROSS"** has been the ultimate in the Sweet Pea world, and this has led us to name Burpee's New Canna **"FIERY CROSS."**

"FIERY CROSS" in the Canna world stands for just as much as **"FIERY CROSS"** in the Sweet Pea world. **"FIERY CROSS"** Canna is in a class by itself. The Famous "Firebird" Canna, which was an extremely high-priced novelty, is one of the parent flowers, and in the fields of the originator **"FIERY CROSS"** was known as "Firebird" Seedling No. 10.

Never before has there been a Canna of equal merit offered to the flower-lovers of this country. We feel sure that **"FIERY CROSS"** will fill a place in the Canna beds that has never yet been attained by any red Canna. It grows to a height of four to four and one-half feet; flower stems grow from a foot to eighteen inches taller, making the total height approximately five to six feet. The flower-heads are fifteen to eighteen inches in length, and carry from fifteen to twenty open flowers of a vivid scarlet shading to crimson. So firm are the glistening petals they do not wilt in the brightest sun. The foliage is a beautiful lustrous blue-green. It is entirely free from blight and disease. Flowers continuously from the latter part of June until frost.

We deem it a rare privilege to introduce such a wonderful New Canna. As an individual plant or in beds this peerless flower will take first rank. Stock is necessarily limited.

ORDER EARLY.

DIVISIONS \$2.00 EACH; \$20.00 A DOZEN.

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SEED GROWERS

PHILADELPHIA

Vol. XXVII
No. 11
MARCH 16
1918

HORTICULTURE



Boston Spring Show

View in Main Hall

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Dreer's Grand New Cannas for 1918

Ten truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

CARMINE BEAUTY. Deep bright carmine flowers freely produced high above the heavy dark-green foliage which has a narrow red margin. The flowers while not as large as those of Olympic are of a much brighter and more pleasing color. 4½ ft. 75 cts. each; \$7.50 per doz.

CHERRYBLOSSOM. No more appropriate name could be given to this variety. Its beautiful bright flowers appear early and continue until frost. Add to the prevailing color of the petals and centre with each petal faded carmine crimson and you may form some conception of the coloring variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ ft. 45 cts. each; \$3.50 per doz.

CLOTH OF GOLD. A very attractive dwarf, compact-growing free-flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

DAZZLER. Time and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire-red flowers. The intensity of coloring and freedom of blooming coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ ft. 35 cts. each; \$3.50 per doz.

GOLDEN EAGLE. A wonderfully intense golden-yellow. Very free upright grower. The large flowers are produced in great clusters well above the foliage. 4½ ft. 60 cts. each; \$5.00 per doz.

HARMONY. Great clusters of good-sized, well-formed Geranium-red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Altogether a dignified harmonious combination. 3½ ft. 50 cts. each; \$5.00 per doz.

POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

SENSATION. To get a sensational color-tone in a pink Canna, is particularly noteworthy. Our first impulse was to call it "La France," because the color called to mind the La France Rose, but the tone is even cleaner and purer; it being a lovely pale-rose. The foliage is a beautiful glaucous-green; the plant dwarf and compact. One of the most noteworthy additions to Cannas in recent years. 3 ft. 75 cts. each.

One each of the above Ten Novelties for \$4.00

New Cannas From Other Sources

We offer here eight new varieties which, after several years' trial, have proven themselves worthy of our commendation.

CLEOPATRA. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous-bronze foliage. This variety stands out strongly in effectiveness. 4 ft. 50 cts. each; \$5.00 per doz.

DRAGON. An incessant bloomer, continuing to produce new stalks of flowers until cut down by frost. Dark ox-blood red. 3 ft. 15 cts. each; \$1.50 per doz.

FLAG OF TRUCE. A large flowered creamy-white, with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka but quite distinct and valuable. 4 ft. 35 cts. each; \$3.50 per doz.

GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

LAFAYETTE. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 ft. 30 cts. each; \$3.00 per doz.

One each of the Eight Varieties for \$2.00

HENRY A. DREER,

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TYPE OF NEWER CANNAS

SUPERB. This variety is unique in color and truly superb; having large, clean bright orange-scarlet blossoms of good substance, produced on strong stalks with glaucous-bronzy foliage giving a most pleasing effect. 5 ft. 40 cts. each; \$4.00 per doz.

POCAHONTAS (Bronzed-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze; one of the best recent introductions. 4 ft. 30 cts. each; \$3.00 per doz.

SAN DIEGO. Chinese-orange or Persian-yellow. The crimped petals are remarkable for substance which enables them to withstand the hot summer sun without wilting. Another charm lies in the dark bronze color of the buds which harmonize with the rich bronze foliage. 4 ft. 15 cts. each; \$1.50 per doz.

VAROUNA. We have tried this variety for several years and at all times the bright orange-scarlet flowers, combined with the good bronze foliage, has won our admiration. A free luxuriant grower, producing its flowers well above the plant. 4½ ft. 25 cts. each; \$2.50 per doz.

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BEGONIAS Gracilis Rose, Erfordi and Vernon. 3-in., \$3.00 per 100, extra good stock.

CUPHEA, COLEUS, LEMON VERBENAS, SWAINSONA, PARLOR IVY, POMPON CHRYSANTHEMUMS, ENGLISH IVY, VINCA VARIEGATA. 2-in., \$2.00 per 100. 3-in., \$3.00 per 100.

FERNS POT GROWN Boston and Scottii. 5-in., \$25.00 per 100. 6-in., \$35.00 per 100.

KENTIA BELMOREANA 4-in., \$5.00 per doz.; \$40.00 per 100. 5-in., 75c. each; \$9.00 per doz. 6-in., \$1.00 each; \$12.00 per doz.

DAHLIA ROOTS Whole Field Clumps. \$5.00 per doz., up to \$1.00 each.

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LETTERS FROM AN OLD TO A YOUNG GARDENER

Breeding Sweet Corn

Zea saccharina or sweet corn, is supposed to have first come to the notice of white men at Plymouth, Massachusetts, the seed having been obtained from American Indians in the Susquehanna country. Although a gardener is not much interested in growing any other variety, I want to begin with a few words about a reform needed in breeding, growing and marketing field corn. A farmer should be able to buy the seed with a certificate giving its chemical composition. He should be able to find a market for varieties adapted to special purposes, of which a few examples are here mentioned. For a glucose factory it should contain little protein, more starch and oil. The latter brings the highest price per pound. As a food for horses the amount of protein should be large, for this is the tissue building element, and the starch and oil less, to avoid undue fattening. For pigs, where we want fat, the starch and oil should be abundant.

In trying to improve sweet corn for table use we may employ selection alone, or hybridization followed by continual selection. Selection to improve and keep up quality is generally thought to be a quite modern idea. It was known and used by the Romans, as shown by the following quotation from a book by F. H., entitled, *Roman Farm Management*, being a translation from the Latin of Cato and Varro, and moreover a most interesting work to anyone who loves the land—"I have seen those seeds on whose selection much time and labor had been spent, nevertheless degenerate if man did not every year vigorously separate by hand the largest specimens." Most varieties of sweet corn are either mutants or obtained by simple selection. Any field offers opportunities for selection, for no two plants are exactly alike. This was well shown in my attempts to select seed to use in hybridizing. One of those chosen was a yellow variety, which came to me from Derry, New Hampshire, under the name Golden Sweet, about thirty years ago. Unfortun-

nately this seed and its hybrids were lost in an early White Mountain freeze, and no more could be obtained.

In testing for a substitute, seed from plants that grew from seed obtained under the name of Golden Bantam was chosen. The different lots of Golden Bantam seed produced plants that varied greatly. Evidently at that time dealers were selling more than one strain under this name and the seed from each dealer was mixed. Some plants were seven feet high, others four. The

number of ears on a plant and their size varied. I found yellow, white and blue kernels on some cobs. The ears also varied greatly in sweetness. So far as my experience goes, the right way to begin an experiment to breed a better strain of sweet corn for home use, would be to test all the kinds advertised in the seed catalogues as extra sweet, buying the seed from a considerable number of sources. Though coming to you under the same name you will find, as I did, that the seed will produce plants different in many ways. When the ears are in the milk, strip back the husks carefully and taste the kernels. Replace the husks and mark those that seem superior, keeping a record of them. When the seed is ripe select the best from the two most satisfactory ears and use them for the next crop. Do this for several years until you get two fine strains that breed fairly true, of course growing them in fields wide apart. Then the next year begin the crossing to break the types, hoping to get a superior strain. This was



Figure 1

the plan I followed with satisfaction, our guests remarking during the last three autumns on the sweetness and flavor of the corn on the table. Unfortunately I may need to begin again, for everybody in our neighborhood lost corn, beans, melons and squashes by freezing. The corn was in the milk and did not fill. The beans split in drying. I tried to protect a few plants of hybrid corn and melons but the results are in doubt. All uncovered plants froze stiff.

Corn, or more properly maize, is the easiest plant in

the first year, the plants to be used as females in hills, each of which will have four surrounding hills, containing seed from which plants will grow, to be used as males, the object being to supply the plants with pollen from the surrounding males. Before the plants attain their full height, the buds which will form the male flowers emerge as a tuft from the sides of the top of the plant, as shown in Figure 1. When at this stage those on the plants to be used as females must be removed. This is easily done by grasping the bunch and pulling gently and firmly toward the sky, breaking the stem but not injuring the growth of the plant. When the plants to be used as males are fully grown in height, the male flowers are at the top and terminate the plant. They are shown open in Figure 2, life size. Notice how abundant they are, more than a hundred on a plant. Each flower reveals, on expanding, little bags, well displayed in the half-tone illustration. Each is tightly packed with rough, spherical grains of pollen, the male fertilizing agents. When the bags become detached from the base of the stems, which open at their lower ends to allow them to escape. When viewed in cross-section the sacs resemble little cones, and this form taken in cross-section, gives the appearance of the threads from which the are suspended, thus the gentlest breath of air to impart to them, causes a motion, very pleasing to watch, on a not at all hot, still day. Scott wrote of the "trembling aspen," yet its leaves are "immobile in com-



Figure 2

parison. By the way did you ever examine the stem of an aspen leaf to learn why it is set in motion by a gentle breeze?

Figure 3 is a photomicrograph of the lower end of one of these little pollen sacks, in the stage when the pollen is ripe, the sack open, some of the pollen escaped, and others ready to fall out with the next breeze. We appear to be looking at the spheres of pollen through an open net. This is an optical delusion. We are observing them through a continuous transparent tissue made up of many cells whose walls give the appearance of a net.

Female Flowers. These are located on the cob, each developing into a kernel of corn, if fertilized by a pollen sphere. From the tip of each arises a long transparent thread. When these emerge from the bunch of leaves that will form the husk; they collectively form the silk, shown in this stage in Figure 4. There are some odd features about this. In other common flowers, the corresponding organ is much shorter in proportion to other parts, and thickened at the base; while each

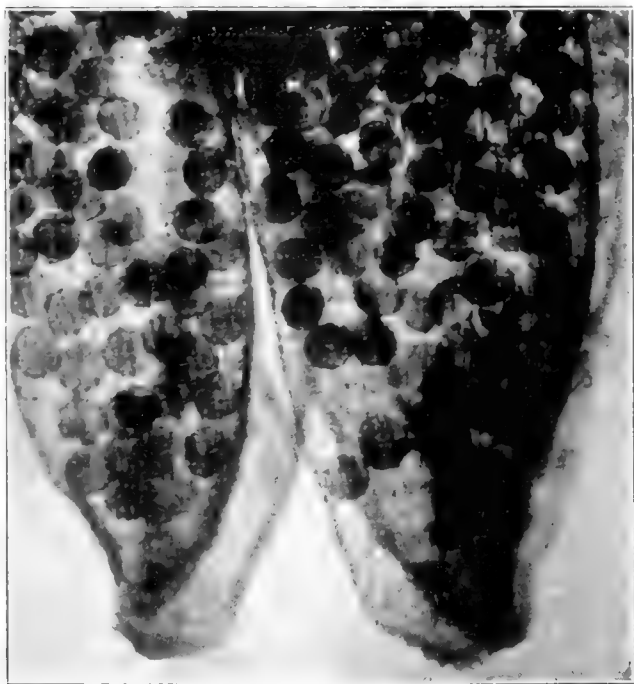


Figure 3

stand of corn silk at its point of attachment is reduced to the diameter of a fine human hair. How wonderful is a well filled ear of corn, when you consider that no corn flower can develop into a perfect kernel, unless pollen from the male flowers comes in contact with its own particular strand of silk, extending its life-giving force down the whole length, a distance of several inches in the case of the lower flowers.

Figure 5 shows a group of female flowers, each with its strand of silk. In Figure 6 some strands have been removed, to show more distinctly in others the hair-like narrowing at the base. Another curious feature is that the first strands to emerge from the husk have the longest distance to travel, as they belong to the flowers near the base of the cob. We see then that as all the fibres of silk do not come out of the husk at the same period they are not simultaneously ready to receive the pollen. This is the reason for so many male flowers, and why they open and shed pollen over a considerable amount of time. Corn pollen is usually sulphur yellow in the sweetest kinds. This color contrasting with that of the silk enables us to see it when they come in contact, if

many charms when "good and dead" if examined with this instrument. When the male flowers reach the stage shown in Figure 1 bend over the stalks, shaking the pollen into a paper and spilling it onto the silk of the plants selected as females. Never let a feeble plant open its flowers, and never save seed from a feeble

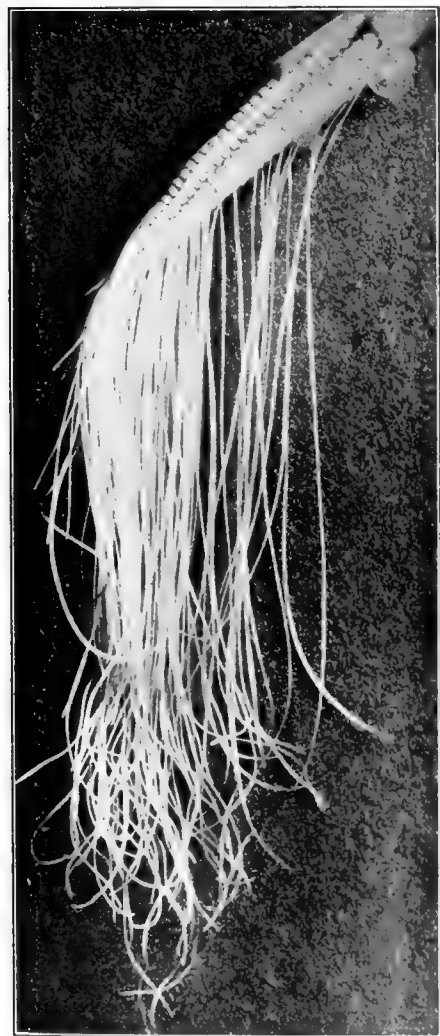


Figure 6

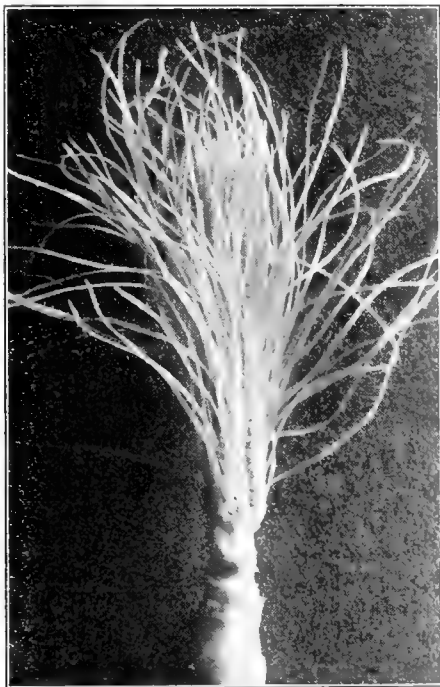


Figure 5

we use a hand magnifier. Its "subsequent proceedings" while most interesting, can only be followed by using a microscope. They are now so good and cheap, open such a world of beauty and are so easy to handle that a gardener who does not employ one loses much pleasure. Even the hateful bugs, fungi and bacteria, that makes gardening one long battle, have

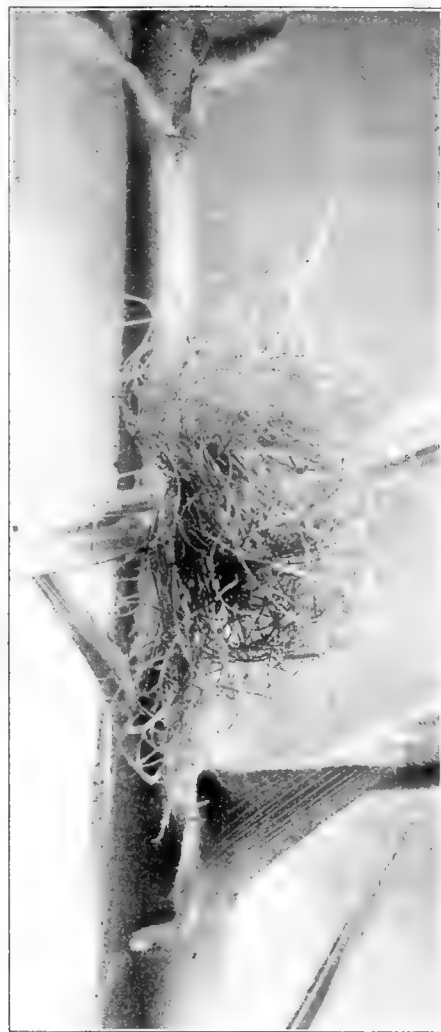


Figure 4

plant. In deciding which of the fertilized ears to save for seed, strip back the husk when the corn is in the milk, and with a small and sharp gonge remove a few unimportant kernels, carefully placing the husk and making it weather proof by a light rubber band. The scientific way

to test for sweetness would be by the methods used with sugar beets, but this would tell nothing of flavor, therefore test for both by carefully chewing the raw kernels. Mark each tested ear that seems promising and keep a record. If you happen to get a variety to suit you and live in Northern New England, you may find "there comes a killing frost, and when you think, good easy man, your greatness is a ripening, nips your root." Then you can have your fun all over again, trying to combine quality with extreme earliness. I wish you luck, and however scientifically a plant breeding experiment is conducted with garden varieties, their ancestry is so complicated and unknown that luck will play a great part.

William Rollins

Boston.

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which will thus do justice to this great public domain. To George B. Dorr, who first conceived and for years worked unceasingly for the establishment of this reservation and most generously contributed to its accomplishment the American people owe a supreme debt of gratitude.

Thrift Stamp Day

At the request of Charles A. Darts of the National War Savings Committee of the florists' trade of Greater New York we voice this week to an appeal for the cooperation and active assistance of the florists' trade in the patriotic enterprise in which the committee is engaged. The national committee has allotted to the Greater New York florists \$200,000 as their share in this work. The amount looks large but we expect to see it covered in due time for there is no shirking among the florists when their patriotism is put to the test and no limit to their willingness to help the Government win this war. The diligent cooperation of every reader of HORTICULTURE is earnestly solicited, to help make Thrift Stamp Day a glorious success.

Free seeds again?

A subscriber to HORTICULTURE sends us a clipping from the Philadelphia North American containing comment by a Lewistown correspondent upon the industry displayed by Congressman Benny Focht in the matter of free seed distribution, this gentleman "with political necessity upon him" being keener than ever in the business of passing out free government seeds for the purpose of gathering in votes next fall. Our correspondent calls attention to the flagrant abuse of this seed privilege and expresses the hope that by continual agitation the abatement of this notorious political practice may yet be consummated. Since the receipt of the letter referred to we have been informed that the U. S. Senate has voted adversely on the continuance of the free seed appropriation for this season. This is encouraging but, as we remember it, the Senate has so acted before but the House of Representatives has been uncompromisingly obdurate. Let us hope that they may now "turn over a new leaf" and that we have seen the last of the odious "free seed graft."

Easter trade publicity

The next issue of HORTICULTURE, date March 23, will be the annual Easter number. Besides much timely news matter and valuable cultural notes this issue will contain a full and complete account of the great International Flower Show in New York, the most extensive and ambitious enterprise among the horticultural activities of the year. We know that all who read these lines will join with us in wishing the hardworking promoters of the show a notable success. We shall tell all about the winners in the hundreds of schedule classes and the number of readers of HORTICULTURE on this occasion will be largely increased so that the publicity value of the issue of March 23 will be materially enhanced. The representative quality of the people in the trade who look to HORTICULTURE for the most reliable news and interesting comment on the important issues of the day is well-known and widely recognized and we can safely promise those who make enterprising use of our advertising columns at this time a fruitful return for their investment. For those who have Easter plants, flowers or other material to offer to the trade the volume of business will be largely what they individually make it and there can be no more effectual means of building it up than forceful up-to-the-times publicity among the class of trade which HORTICULTURE serves.

A noble public benefaction

Senator Frederick Hale of Maine has introduced a bill to change the name of Sieur de Monts National Monument, occupying the boldest and most picturesque portion of Mt. Desert island, to the Sieur de Monts National Park. This notable public reservation with its wonderfully impressive scenery is the first national park east of Colorado devoted to recreative purposes. It has the distinction of being the only national park which offers the ocean as part of its attractions and in many other respects, such as its nearness to the region of densest city population, it is unique. The change of designation from "monument" to "park" will add nothing to its natural beauty but will more clearly indicate its character and purpose and convey to the public mind what it is and what it stands for and Senator Hale has done wisely in proposing a name

BOSTON SPRING EXHIBITION



PARTIAL VIEW OF ACACIA TEA GARDEN, BY THOMAS ROLAND

Greater Boston's gardeners and florists outdid themselves on this occasion and put up the most elaborate and impressive show that has been seen here since the notable National Flower Show years ago. Every available foot of floor space in the horticultural building was occupied with exhibits and the scene was gorgeous in the extreme. The attendance on the afternoon of the opening day was very good and it is hoped that before the close of the show Sunday evening the attendance will have eclipsed all previous records.

The lecture hall was turned into an Acacia Tea Garden under the auspices of the Boston Metropolitan Chapter of the American Red Cross. The tables were arranged in a veritable forest of flowering acacias supplied by Thomas Roland, there being no less than two hundred and fifty plants in some thirty species. The effect of this unique feature was entrancingly beautiful. It was a triumph for Thomas Roland.

Another impressive exhibit was the "War Garden," arranged by R. & J. Farquhar & Co., filling the entire west end of the large exhibition hall. The arrangement was charmingly simple and artistically one of the best of the many big exhibits that Mr. Farquhar has put up. A marble statue of Liberty holding a light aloft in one hand and an American Flag in the other was the central figure. The formal courtyard was flanked on either side with brilliant banks of Azalea Kämpferi, genistas and lilies. Here one of the bands played, another one occupying the stage in the lecture hall.

The most of the large plant groups were composed of miscellaneous spring flowering plants and bulbous stock. There were some grand groups of clivias and imantophyllums, cyclamens, etc., and the number of Belgian azaleas shown was surprisingly large. W. W. Edgar Company put up a vast plant group arranged with consummate good taste. Other than this and Mr. Roland's acacia display there were

no plant groups of any extent from commercial growers but the gardeners from the leading private estates in and about Boston made a most remarkable showing. The orchid groups from E. B. Dane and A. C. Burrage were the great center of attraction for the real connoisseurs. Included in the Burrage group were some splendid specimens of *Cattleya Trianæ* in great variety, also two very striking forms of *Lælio-Cattleya luminosa* and a handsome plant of *Cymbidium Gottianum* which proved a prime attraction. *Cypripediums* were also exhibited in great variety. The whole group was a most pleasing and clever display, grandly arranged and exquisitely beautiful.

Mr. Dane's contribution was the usual artistically arranged group, and was quite up to the great displays which we are accustomed to seeing from this well known estate. Perhaps the most attractive was the specimen *Odontioda Bradshawiae* with its four beautiful spikes of scarlet blooms. *Cattleyas* and *Lælio-Cattleyas* were in

and Philadelphia. The specimens were really well selected, and probably a better collection than any Cypripedium has ever seen. The Cymbidium and orchids were also back in the garden, and the flowering of the plants made a fine group, the only one which I have seen.

A number of prizes were to be awarded and the entire proceeds were to be given to the Red Cross. Competition on the schedule classes was very light, most of the exhibitors being content to do their best regardless of the competitive idea. On the 200 sq. ft. plant group class, 1st prize was awarded to Mrs. C. G. Weld, gard. W. C. Rust; 2nd to E. S. Webster, gard. Peter Arnott. Both arrangements were superb, as was also that of Weld Farm, gardener Duncan Finlayson. Miss C. Warren figured strong in the azalea, cistissus and hard-wooded greenhouse plant classes, and William Whitman on the bulbous classes as usual. Miss Margaret A. Rand was a successful competitor in the amateur classes. H. T. Haywood, of Franklin, Mass., an exhibitor for the first time, made a fine record in the hyacinth and hydrangea classes.

Up to time of going to press, special prizes had been awarded in the plant section as follows: Gold medals to A. C. Burrage, Beverly Farms, for orchids; E. B. Dane, Brookline, gard. Donald McKenzie, for orchids. Silver medals to C. S. Sargent, gard. Charles Sander, for display of *Clivia miniata*; Lester Leland, gard. E. H. Wetterlow, Manchester, for cyclamen. Certificate of merit to F. W. Fletcher for seedling freesias. Cultural certificates to Fred'k Ayer, gard. George Page, for *Erica melanthera*; John Barr for mignonette in pots; Mrs. Bayard Thayer, gard. William Anderson, for *Mahernia odorata*; William Whitman, gard. M. Sullivan, for spring flowering plants. Honorable mention to R. & J. Farquhar & Co., for hybrid azalea (*A. Kämpferi* × *A. ledifolia*); Mt. Desert Nurseries for amaryllis hybrids. Vote of thanks to Hemenway Estate, Readville, for plant group; T. E. Proctor, Topsfield, for Adiantum Farleyense *Gloriosa*; Faulkner Farms, gard. W. N. Craig, for flowering plants and *Laelia superbiens*; W. W. Edgar Company, Waverley, for plant group. Other awards not yet made or inadvertently omitted in this somewhat hasty report will be made note of in our next week's issue.

The Boston retail florists came out in a most enterprising manner and creditable spirit with baskets, vases, and other tasteful, quaint and original arrangements of flowers and plants for various requirements, and they attracted much attention and interest on the part of the visiting public. Among the contributors were Penn the Florist, Boston Cut Flower Company (silver medal), H. R. Comley (silver medal), Caplan the Florist (silver medal), Julius Zinn, John J. O'Brien and Houghton-Gorney Co., the latter having a rustic booth.

In the cut flower department there were some beautiful displays of carnations, notably that by S. J. Goddard, which was arranged with splendid effect. Awards were made as follows: Silver medal to S. J. Goddard for display; 1st prize to John Barr in many classes, several to W. J. Clem-

son, honorable mention to Peter Fisher for carnation Red Cross. Vote of thanks to William Sim and M. A. Patton. The finest exhibits of camellias we have ever seen were made by Mrs. Bayard Thayer and W. R. Coe (silver medal).

"IN ORDER TO STIMULATE OUR PUBLICITY CAMPAIGN."

I am somewhat reminded of the train that parted in the middle, and the communication-cord snapped also, the end of it striking an old lady on the bonnet. "What is the matter?" she exclaimed. "Oh, the train has broken in two," replied a gentleman who sat in the next seat. "I should say so," responded the old lady, looking at the broken cord. "Did they suppose a thin piece of string like that would hold the train together?"

Just so with our Campaign unless we get co-operation in every sense, that is more funds and more florists to tie up to our Magazine Advertising Campaign, in order to get united strength for the ultimate result, and the use of more flowers, we will be likened to the communicating-cord, too thin to get results. Unless we get our \$50,000 together, and also take advantage and use our local papers, our money spent in magazines, etc., is 90 per cent. waste. Make it profitable by getting on the band-wagon, and get 100 per cent. results.

Gordon Selfridge, who runs the largest department store in London, refused to lose his head when the war broke out, refused to cut salaries, refused to believe the world had come to an end, paid the English Government \$200,000 as an excess profit tax. When the war broke out, Mr. Selfridge told George T. Bye, of the "Nation's Business," it was the general opinion that the end had come for business. Many merchants reduced staffs and cut wages. "The second or third day of the war, I was waited upon by a committee of our buyers, who informed me that they were sure of heavy losses, and that they wished to see it through with me on a half-salary basis.

"But I wasn't sure business was going to be bad and with thanks for their loyalty and good spirit, I told everyone in the house that Selfridge's would make no changes for the present. To that stand we owe something of our present prosperity.

"By keeping on our brightest face, spending more money for advertising, and serving out patrons with greater attention, we have increased our business to a volume of over \$15,000,000, a gain of over \$2,500,000 in one year, and that during a period of war."

Of course, Mr. Selfridge took advantage of every twist in the war situation. He advertised that every person in his store, during a German aeroplane attack was insured free, without preliminary registration, to the amount of \$5,000 for death resulting directly from the raid. The result was to make every woman turn to his store as a safe place to shop and lunch, and to

direct public attention to its solid concrete construction. He has consistently sold "War Bread" a cent or two lower than anyone else in London, another great trade attraction.

The luxuries of the rich early ceased to be a factor in his trade as social life diminished; but the luxuries of the poor, like inexpensive pianos, jewelry, etc., have rapidly grown more important as the wages of the workers have risen under the greater demand, so, it behooves us to take advantage in our business, of like conditions, to grow and sell flowers as are in popular demand, and at prices to meet the demands. Summed up in a nutshell, according to the above, take advantage of present conditions, advertise more and carry flowers that will make for popular favor, and our business will forge ahead.

This reminds me of an old story I've told before, entitled, "When It Would Not Pay to Advertise." An old negro approached a white man in a southern town, and asked, "Marse Tom, you ain't seed anything of that old mule of mine, is you?"

"Why no, Henry, I haven't seen that mule. Have you lost it?"

"Well, ah don't know if I lost him or not, but he is sure nuff gone."

"Henry, I spect the best way to find that mule would be to put in a 'want ad' in the paper for him."

"Shucks, dat wouldn't do no good, Marse Tom."

"Why not?"

"You know, dat mule can't read."

The active buying public has changed. Our professional classes are curtailing expenditures. Our skilled mechanics and workers are spending their increased wages, for many things which were previously out of their reach, but now it is up to us to reach them through "Printer's Ink" and otherwise.

Henry Penn

Chairman Publicity Campaign.

THE FUEL QUESTION.

By H. H. Surver, Dallas, Texas, in Southern Florist.

When the mercury stands at zero
And lump coal is ten above,
The average florist's pocketbook,
To protect the flowers we love,
We are forced to Hooverize
And substitute instead
The fuel of the forest
To warm the floral bed.

When cord wood was a cord
Eight feet long, four feet high,
And fully four feet broad,
The price was in reach of all.
Three chunks secured a cord
Eight feet long, four feet high
And fully four feet broad.

Times have changed since that good day,
Cord wood has changed some too.
From eight feet long eight sticks are made
They are counted out to you,
It has no height, has lost its breadth,
Today there is no cord
Eight feet long four feet high
And fully four feet broad.

Then if the cord is not so broad
And its height to all is lost,
Those little sticks leave us betwixt
The counting and the cost.
We need a well-filled pocket book,
The poor, the rich, the lord,
Eight feet long, four feet high
And fully four feet broad.

THE PUBLICITY CAMPAIGN

Very encouraging reports have been received as to the St. Valentine's Day business resultant from the full-page advertisement which appeared in the Saturday Evening Post. These reports came in chiefly from those in the trade, who, through their individual efforts, and the service supplied by our Promotion Bureau, linked up with the national advertising. Some of these efforts took the form of co-operative advertisements in the newspapers, large spaces being used. We have on file clippings of some of these advertisements, among them the following:

A large space in the "Lexington (Ky.) Leader," inserted by Michler Bros. Co., John A. Keller Co., and Keller-Florist.

A half-page advertisement in the "Post" and "Bridgeport Morning Telegram" of Bridgeport, Conn., subscribed to by the Retail Florists of Bridgeport, under the leadership of Carl Reck.

A page advertisement in the "Post Standard," Syracuse, N. Y., subscribed to by W. E. Day Co., P. R. Quinlan, Morris Zogg Floral Co., Bultmann, and Wheadon & Johnston.

A half-page advertisement in the Washington, D. C. "Times," subscribed to by Gude Bros. Co., Geo. C. Shaffer, Geo. H. Cooke, Z. D. Blackstone, and Oehmler Floral Co.

A quarter-page advertisement in the "Post," Houston, Texas, subscribed to by Kerr the Florist, Boyle & Pendarvis, Kuhlmann Floral Co., Inc., and Carroll Florist.

A half-page space in the Omaha, Nebr. "News," including large advertisement of Hess & Swoboda, John H. Bath, Rogers, Lee L. Larmon, Brandeis, and Alfred Donaghe.

The "New York Herald" carried about three columns of florist advertising and arranged it under a story supplied by the Bureau. The advertisers were: C. A. Dards, J. H. Small & Sons, G. E. M. Stumpp, A. T. Bunyard, Max Schling, Warendorf, Alex. McConnell, M. A. Bowe, Hession, Young & Nugent, Kottmiller, N. Christatos, and Malandre Bros.

The Cleveland Florists made their usual generous display; and Henry Penn, of Boston, reproduced in his advertising the national advertisement full size.

Ten live retail florists in Cincinnati used a large advertisement in the "Post."

Hundreds of other florists throughout

the country made direct appeals through their newspaper columns, as evidenced in the pile of clippings preserved in the Bureau.

No wonder that the St. Valentine's Day business was good, and eclipsed all records. The money used in the national magazine advertising is well spent, when florists can, with a little enterprise on their own part, draw huge chunks of benefit from it to themselves. The benefit is large and will stand an enormous call upon it. Florists who have not realized this will do well to get in touch with our Promotion Bureau, and learn of the "helps" provided to do for themselves what no other power can—reach out and bring in the results of plans well thought out and equally well executed. There should be no "slackers" in the conduct of this campaign. The results so far secured are quite sufficient to assure the most pessimistic that a continuation of our campaign is justified, and that the efforts of those who have been far-sighted enough to anticipate such results and furnish the wherewithal to accomplish them, should be backed up with contributions for "carrying on" from all who have "just waited" to see.

The Publicity Committee and the Publicity Finance Committee are to meet in joint session at the Society's offices in New York on Saturday, March 16th, where further plans for publicity will doubtless be devised.

Copies of the booklet in colors, "Say It With Flowers" are now available, and are supplied at the following rates: Lots of 250, \$8.50; 500, \$15.00, and 1,000, \$28.00. These prices include the purchasers' imprints. These booklets should prove to be valuable sales helos.

The transfer signs, and the glass signs are now on the way to those who have ordered them. Existing conditions, the manufacturers say, have been responsible for the delay, the trouble in getting supplies of material hampering them greatly.

The big demand for newspaper elec-

trotypes linking individual advertising with that of the magazine advertising has been satisfactorily met. Anyone anticipating using the Easter Electrotrope should send in his order at once, as parcels post mail is not quite as efficient as in normal times.

Chairman George Asmus of the Publicity Finance Committee announces the following additional subscriptions:

Annually for four years: Frank D. Siebert, Wheeling, W. Va., \$5; John Eitel & Son, Greencastle, Ind., \$3; Louis B. Westholdy, Evanston, Wyo., \$5; John A. Andre, Doylestown, Pa., \$50; J. V. Wilson, Bellingham, Wash., \$5; Geutemann Bros., Quincy, Ill., \$10; K. Pederson, Ltd., St. John, N. B., \$3; Harold A. Ryan, Cambridge, Mass., \$5; Caspar Floral Co., Caspar, Wyo., \$10; Rice Bros., Minneapolis, Minn., \$20; The Campbell Floral Co., Calgary, Alta., \$5; C. D. Otis, Lake Charles, La., \$5; Alois Frey, Crown Point, Ind., \$25; H. L. Crandall, Glens Falls, N. Y., \$5; Roselawn Greenhouses, Moscow, Idaho, \$5; G. Bosler, Bridgeport, Conn., \$10; W. H. Siebrecht, Chappaqua, N. Y., \$25; John Scott, Huntsville, Ala., \$5; Lewis Flower Shop, Lockport, N. Y., \$5; Selah Van Riper, East Paterson, N. J., \$10; John Cannon Co., Ltd., Hamilton, Ont., \$10; Frank J. Dolansky, Lynn, Mass., \$25; Chas. W. Pfomm, Bridgeport, Conn., \$10; G. F. Heithal, Bridgeport, Conn., \$10; John Reck & Son, Bridgeport, Conn., \$25; George Pfomm, Bridgeport, Conn., \$10; James Horan & Son, Bridgeport, Conn., \$25; The Park Gardens, Bridgeport, Conn., \$25; Frank C. Foehrenbach, Bridgeport, Conn., \$5; Fred C. Kolb, Bridgeport, Conn., \$5; The Engelmann Greenhouses, Bridgeport, Conn., \$5; George J. Ball, Glen Ellyn, Ill., \$10; McDonald & Co., Crawfordsville, Ind., \$5; Aubrey A. Pembroke, Beverly, Mass., \$10; Walter R. Thomas, Atlantic City, N. J., \$5; Lawrence M. Kresken, Cincinnati, Ohio, \$10; The Montzgomery, Co., Hadley, Mass., \$50; B. Katzwinkle, Mendota, Ill., \$5; C. M. Wagner, Cleveland, Ohio, \$25; J. J. Hellenthal, Columbus, Ohio, \$10; Fred A. Danker, Albany, N. Y., \$25; Wm. H. Graham, Manchester, Vt., \$3; Ed. J. Taylor, Green Farms, Conn., \$10; Frank H. Ford, High Point, N. C., \$5; W. H. & J. C. Ryder, Wantagh, N. Y., \$5; W. F. Denteman, Bensenville, Ill., \$20.

For one year: Gardeners' & Florists' Club of Boston, \$50.

Total, \$619. Previously reported from all sources, \$30,637. Grand Total, \$31,256.

JOHN YOUNG, Secy.
1170 Broadway, New York.

March 9, 1918.

NEXT YEAR'S ALLOWANCE OF COAL

The following official communication received by W. F. Gude, Washington representative of the Society of American Florists in reference to the coal situation for the florists for the coming season should have the widest publicity and careful consideration so that the florists can prepare themselves for the next season:

Mr. Wm. Gude,
Florists' Assn.,
Washington, D. C.

Dear Sir:—It is now so late in the season that the question of fuel for florists will not be taken up for this season. Some time during the sum-

mer the Fuel Administration will call on you for further discussion of the matter involving the amount of fuel to be supplied to you and your associates during the winter of 1918-1919.

I am writing to keep you posted as to the probabilities as they stand today. It is entirely likely that the florists next season will be restricted to 50 per cent. of their normal consumption, but of course this is not settled. We shall soon be issuing a circular to all industries as to stocking up during the summer months of coal reserves for the winter and in it non-war industries will be notified of the

percentage of fuel they will be permitted to take in for the winter supply. On this list florists will appear in the 50 per cent. class.

Your people should understand that this does not necessarily imply that they will be restricted to 50 per cent but it is intended to represent the maximum amount the government is willing that they should arrange for in advance. If conditions change later this proportion will be changed accordingly.

Very truly yours,
(Signed) UNITED STATES FUEL
ADMINISTRATION.
P. B. Noyes, Director of Conservation.

CLUBS AND SOCIETIES

WORCESTER COUNTY HORTICULTURAL SOCIETY.

The Spring Show of the Worcester County Horticultural Society was opened on Thursday, March 7th, with one of the best displays ever seen in fifty years. A portion of the main hall was transformed into a formal garden, the central feature being a display by W. Breck, chairman of the Committee of Arrangements, his collection consisting of well grown specimens of *Primula malacoides*, *Primula obconica* and *Cyclamen* with a group of Golden Spur narcissus on either end, boxwoods being used in the corners.

On either side of this group was a long bed of flowering plants from Irithorpe, Allan J. Jenkins, gardener. The stage was beautifully set off with decorative plants, roses in baskets and sweet peas from the Randall Flower Shop. H. F. A. Lange had a display of Blue Ware with pink sweet peas and Eastern Star carnations. Groups of primulas in variety were made on circular tables by Edward W. Breck, Irithorpe, Charles Potter and Allyn W. Hixon.

The classes of carnations, cut flowers and plants were well filled. Charles Potter of West Boylston showed cinerarias of unusual vigor, also, cut flowers of *Nemesia strumosa*. Alfred H. Knight had a table of *Begonia Gloire de Chatelaine* in addition to his first premium carnations. A display of orchids from the Whitins Conservatories William McAllister, gardener, attracted much attention. The Hadley Rose Company sent a large vase of their Rose "Boston," which was awarded a certificate of merit.

The display of fruit and vegetables in the Library attracted much attention. Apples were shown by Everett F. Adams, Fred L. Chamberlain, Benn M. Chamberlain and Mrs. William A. Green. In the vegetable section Secretary Herbert R. Kinney had an attractive showing of forced rhubarb and dried vegetables. Mushrooms, lettuce, celery, squashes, beets, carrots and turnips were also shown.

An invitation was extended to the students of the Agricultural class in Worcester high schools to visit the exhibition. They drew plans of the hall arrangements, marking the names of the various plants as shown. They were also instructed by Secretary Kinney and with note books in hand they jotted down considerable concerning the fruits and vegetables. The Bancroft orchestra furnished music.

MASSACHUSETTS HORTICULTURAL SOCIETY.

A special meeting of the members of the Massachusetts Horticultural Society will be held at Horticultural Hall, Boston, on Wednesday, the 20th day of March, 1918, at 3 o'clock, p. m. This meeting is called pursuant to the request of the required number of members, as provided for in the by-laws, who have stated in their request that

Meetings Next Week

Monday, March 18.

Detroit Florists' Club, Bando Floral Hall, Detroit, Mich.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
New Jersey Horticultural Society, Orange, N. J.
New York Federation of Horticultural Societies and Floral Clubs, 1170 Broadway, New York City.

Tuesday, March 19.

Gardeners' and Florists' Club of Boston, Horticultural Hall, Boston, Mass.
Gardeners' and Florists' Club of Ontario, St. George's Hall, Toronto, Can.
Minnesota State Florists' Association, Minneapolis, Minn.
Pennsylvania Horticultural Society, Grubbs Hall, Philadelphia, Pa.

Wednesday, March 20.

Rhode Island Horticultural Society, Public Library, Providence, R. I.
Tarrytown Horticultural Society, Tarrytown, N. Y.

Thursday, March 21.

Essex County Florists' Club, Kreuger Auditorium, Newark, N. J.
New Orleans Horticultural Society, Association of Commerce Bldg., New Orleans, La.
North Westchester County Horticultural Society, Mt. Kisco, N. Y.
Tacoma Florists' Association, Macabee Hall, Tacoma, Wash.

Friday, March 22.

Connecticut Horticultural Society, County Bldg., Hartford, Conn.
Monmouth County Horticultural Society, Red Bank, N. J.
Pasadena Horticultural Society, Pasadena, Calif.
People's Park Cottage Gardeners' Association, Paterson, N. J.

Saturday, March 23.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

it is, "to consider the matter of exhibitions, prizes and appropriations for the year 1918."

WM. P. RICH, Secy.



W. J. KEIMEL

President-elect, Illinois State Florists' Association.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

The monthly meeting was held in Hubbard's Hall, Greenwich, Conn., March 8, with a fine attendance. James Stuart read a letter from F. R. Newbold, treasurer of the New York Horticultural Society, thanking this society for check of \$100 towards planting fruit trees in the devastated districts of France. Mr. Stuart read a very interesting essay on "Co-operation," which brought up a lot of discussion. The judges, W. Morrow, W. Whitton and J. McAllister, made the following awards: Specimen *Cyclamen* from James Stuart, 1st prize, also cultural certificate. Carnations from W. Graham, 2nd and cultural certificate. *Primula* from Tom Atchison, 3rd. Roses from W. Graham highly commended. Vegetables from James Stuart, 1st; Robert Allen, 2nd. It was decided that we hold two flower shows for the benefit of the Red Cross, the summer show to be held in Mamaroneck, N. Y., and the fall show in Greenwich, Conn. There will be classes for home baking.

JACK CONROY, Cor. Secy.

FLORISTS' CLUB OF WASHINGTON, D. C.

At the annual meeting of the Florists' Club of Washington last week, Z. D. Blackstone was elected president; Harry B. Davis, vice-president; William F. Gude, treasurer, and directors Adolph Gude, George Field, Theodore Diedrich George H. Cooke, David Bisset and William H. Ernest. Clarence L. Linz was elected temporary secretary. A resolution was adopted pledging members to subscribe sufficient to put the organization into the Thousand Dollar War Savings Club. A few of the members immediately pledged more than the required amount and second and third thousand-dollar clubs are to be formed. The pledges are additional to purchases to be made by the members through other channels.

AMERICAN SWEET PEA SOCIETY.

Having failed to come to a satisfactory agreement with the New York Horticultural Society the American Sweet Pea Society has made arrangements with the John Wanamaker store to hold their next summer's Sweet Pea Show in the Greek Hall of their store in Philadelphia. The Pennsylvania Horticultural Society will co-operate, holding their Sweet Pea Show in conjunction with the National organization and it is hoped that a first-class exhibition will be the result. The dates fixed are June 25th and 26th. Philadelphia can unquestionably put up a good exhibition of sweet peas.

NEW YORK FLORISTS' CLUB.

The club meeting on Monday night, March 11, was a "corker," and full of virility and enthusiasm, about one hundred members being present. All special and regular committees had encouraging reports to present, those having to do with the big flower show being especially hopeful. It was voted to admit free to the show all soldiers in uniform. Professor Lippman gave an instructive address on the subject of Fertilizers, giving some valuable information on the sources of potash, etc., in the United States and describing the work of development now being done by the government. John Watson also spoke entertainingly on publicity topics. Among the exhibits were some fine sweet peas from S. Van Ryper, Dundee Lake (highly commended); antirrhinums from J. Ebb Weir & Son, Jamesport (cultural certificate); seedling antirrhinum, "Ruth Brewster," from J. Raffezeder, Teaneck (preliminary certificate).

NEW YORK FEDERATION OF HORTICULTURAL SOCIETIES AND FLORAL CLUBS.

A business meeting of the New York Federation of Horticultural Societies and Floral Clubs will be held in the office of Secretary Young, 1170 Broadway, New York City, on Monday, March 18, at 4 p. m. It is hoped that it may be possible for each organization to have delegates present at that meeting for matters of importance in connection with the Federation of Agriculture of New York State are to be discussed.

E. A. WHITE, Secy.

Increased Food Production

The Gardeners' and Florists' Club of Boston

will hold a meeting in Horticultural Hall, Boston, on Tuesday March 19, 1918 to stimulate increased food production.

WILFRID WHEELER, Secretary of the State Board of Agriculture, will speak on the imperative need of largely increased plantings of vegetables.

W. N. CRAIG, Faulkner Farm, Brookline, will speak on the important vegetables to grow in quantity this year.

There will be other speakers on this important subject.

AN EXHIBIT OF GREENHOUSE VEGETABLES WILL BE MADE

A cordial invitation is extended to the general public to attend this meeting. Questions will be cheerfully answered.

**Food Will Win the War
Produce It!**

AT THE MARKET IN DAIREN, KOREA.

In these market stalls lily bulbs are sold for eating purposes. The varieties are largely tigrinum and Brownei. Ralph M. Ward, E. H. Wilson and Inosuke Arai appear in the picture.

Obituary

Raymond M. Hendberg

Raymond M. Hendberg, aged 23 years, son of Wm. M. Hendberg, retail florist, died at his home in Hoboken, N. J., on February 26.

Matthew H. Dunn.

Matthew H. Dunn, superintendent of parks of Alameda, Cal., for nine years, died in a hospital in San Francisco on February 26. He was born in Cornwall, England, and was 58 years of age. He is survived by his widow and two sons.

Oscar Heile

We regret to announce the death of Oscar Heile of St. Louis, Mo., which took place after a lingering illness, on the 5th of March. He kept store for many years on the 1500 block on South Broadway. He leaves a widow and one son, who will carry on the business.

Oscar Young.

Oscar Young, a well-known carnation grower at McKinley, near Philadelphia, died on March 9, in his 52nd year. Up to ten years ago he was a general florist in the southern part of Philadelphia and also superintendent of a nearby cemetery. He was a man highly respected by all who knew him. He built a range of glass at McKinley near Jenkintown and established quite a reputation as a good grower of carnations during the past ten years.

August Nadler.

August Nadler, aged 71 years, died at his home, Rutherford, N. J., on March 2. He had been an invalid for four years, suffering with hardening of the arteries. Since last December he was confined to his bed.

Mr. Nadler was one of the oldest resi-

dents of Rutherford, locating there forty-nine years ago. He was a florist and gardener and laid out many of the landscape gardens in Rutherford, including those on the property surrounding the Ivion estate and the former Koster country home. In 1871 Mr. Nadler established himself in the florist business in Woodward avenue, which he conducted ever since, opening a sales store in Park avenue many years ago. Mr. Nadler was public spirited at all times, and content to do his bit for the town in a quiet, unostentatious manner. He is survived by his wife, three daughters and two sons.

James Goodall.

James M. Goodall, aged 83, who for twenty years was general superintendent of the Toronto Park Department, making drives and designing other improvements in High Park, Exhibition and other parks, and who later became city forester of Toronto, died Friday, March 8, following a brief illness. During the twenty-seven years in which he served he added to the beautifying of the city by having nearly forty thousand trees planted in streets and parks.

The late Mr. Goodall was born in Lenhart, County of Stirling Scotland. He was educated in England and Scotland with a view to entering the ministry but his tastes ran along the line of landscape architecture and he made that his profession. He came to Canada about 40 years ago. One of his early achievements here was the designing and superintending of the making of Geneva Park, Lake Couchiching, for the Northern Railway Company. He made it out of the primeval forest. Another undertaking was the laying out of the original Mount Pleasant cemetery for the late George Leslie, who held the contract. He leaves one son and three daughters all of Toronto; also five grandchildren and three great-grandchildren.

LOCAL AND GENERAL NEWS

CLEVELAND

War conditions have caused a shift in the minds of Cleveland florists. Many of them are laying up flowers next winter in favor of vegetables, but a number are already preparing for the winter vegetable business. They will go into the winter vegetable business on a large scale.

War conditions are given as the reasons for the closing of the store of W. R. Parker, 100 E. 12th St., Building, Market street, Sandusky, O., March 1. Mr. Parker mentioned the high prices of flowers and the inability of the express companies to get his shipments through on time.

The American Peony Society is planning to hold its annual meeting in Cleveland in June, according to word received here from A. P. Saunders, secretary. Arrangements are also being made for a convention of the Florists' Telegraph Delivery Association in Cleveland in October.

Another Cleveland retail shop to go out of business is the Carlrose Flower Shoppe, 1456 Addison road. Action against this shop was taken March 12 by the Wholesale Florists' Credit Association of Cleveland. The business was founded originally by Carl and Rose Snitzer, but more recently has been under charge of William F. Hall, florist. The assets are few.

J. W. Wokral, proprietor of a greenhouse at 4277 E. 96th street, and a flower store at 8305 Quincy avenue, has sold out his entire interests after being drafted into the army. He is now in training with other Ohio troops at Chillicothe, O. The greenhouse has been purchased by Martin Corban, and the store by Martin Janoch. Mr. Janoch also has a flower shop at 5804 Broadway.

Members of the Cleveland Florists' Club are preparing to take an important part in the war garden movement this summer and a committee has been appointed to co-operate with the war garden committee of the city. People of Cleveland have been asked to send bulbs to the Ohio boys at Camp Sherman, the National Army cantonment at Chillicothe, O., where the soldiers expect to do some extensive and intensive planting so that their camp may blossom as the rose. The attention of the American soldier to flowers is a remarkable commentary on his humanity and civilization.

March 12 was named for the first meeting of creditors of the T. J. Kegg Co., florists, of 7908 Euclid avenue, who were adjudicated bankrupt December 27 on a petition filed by the Cleveland Cut Flower Co. Assets amounted to \$600, made up mostly of cash on hand and open accounts, and liabilities to \$3,497, for which \$3,396 were unsecured claims. The lack of stock and fixtures in the bill of assets

was due to the fact that the company was in the hands of its creditors for a short time before it was brought into bankruptcy court, and the fixtures and a one-ton delivery truck were sold. About twenty-five flower and supply firms in various parts of the country were represented in the list of creditors.

Having survived the present winter greenhouse men in Cleveland and Northern Ohio look forward with optimism to next winter in spite of unforeseen contingencies which may arise on account of the war. They consider that if they can survive conditions like those of the season just passed they are ready for anything the future may have in store for them. Next winter it is figured both the railroads and coal distribution through the pools will be so well organized that everyone will get an ample supply for his needs and no section of the country will be allowed to grab all it can while other sections freeze. This year the fuel administration is not taking any chances with a hard winter. The advice now is to "Lay up your coal early," and greenhouse men in this section are preparing to follow this advice without delay.

ROCHESTER, N. Y.

Miss Tessie Whitman has left the employment of H. E. Wilson.

Felix Alberts has returned from Buffalo to take charge of H. P. Neun flower store.

Nowack the Florist, of Batavia, is growing a few bulbous plants, but the greater part of his range is closed.

Walter Stroh, of Batavia, N. Y., is growing good carnations but has closed a number of his houses on account of the coal shortage.

H. E. Wilson Co. had the decoration for the spring opening at Duffy Powers department store, in which 350 flowering plants and palms were used with bark boxes of spring flowers.

Private Charles Gow, of Co. C, 4th Canadian Mounted Rifles, in France, in a letter to Charles E. Sharp, of Rochester Floral Co., writes that at Christmas the bushes were white with pussy willows and buds had formed on the trees, and in the middle of December roses were in bloom outside.

The first order received for Easter flowers by the Rochester Floral Co. came from "over there," evidently written from the mud-soaked trench. It ordered a large bouquet of flowers to the Sammy's best girl here in Rochester on Easter morning. For years the flowers have been sent to the lady, but this year it is safe to say their message will be a bit more potent than those of former Easters.

NEW YORK.

The Greek-American Florists' ball on February 27 was, as usual a huge success, creditable to all concerned.

Arthur Schloss, formerly of Schloss Bros., has opened under the title of Arthur Schloss & Co., at 22-26 West 32nd street.

PITTSBURGH.

Councilmen Conrad Hohmann and Charles H. Howe have been appointed the committee on the McKeesport war gardens for the coming season.

John Conomon, formerly with P. Giakas, New York City, has succeeded Norbert Huttlinger at the M. Kronis' Alpha Flower Shop, East Liberty.

A. Krongold, proprietor of the Victoria Flower Shop, has opened an additional large store room on Liberty avenue for a special Easter display.

William A. Clarke, of the Pittsburgh Cut Flower Co., who has been sojourning at the Battle Creek (Mich.) Sanitarium for several weeks, expects to return home in a few days.

John P. Kuntz, assisted by Joseph Pineberg, formerly at the Victoria Flower Shop, is proprietor of an attractive little shop in the new Davis Grand Opera House lobby.

Albert Niggel has resigned his position with George E. Hallam and severed his connection with the floral trade to enter the employ of the Pressed Steel Car Company.

The wind storm of last Sunday morning caused the breakage of the plate glass front of the Empire Building Flower Shop and the freezing of between sixty and seventy dollars' worth of flowers.

Henry L. Blind, formerly manager of the McCallum Company, has associated himself as firm manager of the Arcade Flower Shop in the Jankins Arcade. Carl Doeker, head salesman for the same firm, expects to leave for military duty ere long.

At the recent meeting of the Horticultural Society of Western Pa. and the Pittsburgh Florists' and Gardeners' Club, Thomas Edward Tyler gave an interesting talk on the culture of cyclamens. Mr. Tyler has charge of the Charles D. Armstrong conservatory.

Merlin Harris, who for some years past has had charge of Dr. John Fremont Shaffer's orchid house, has accepted a similar position at Bakers-town with the Pittsburgh Cut Flower plant, owing to the Shaffer orchids having been donated to the Phipps conservatory. He succeeds Mr. Harrison, who has taken up independent farming.

Oliver H. Langhans, who recently enlisted in government work, has just been commissioned a corporal. He is located with the spruce pine production squadron for aeroplane service in the timber country above Portland, Oregon. Young Mr. Langhans is the only son of Mr. and Mrs. Theodore P. Langhans and is a graduate of the Agricultural Department of State College.

Cincinnati.—The regular meeting of the Cincinnati Florists' Society was held last Monday evening. The attendance was good. Only routine business was transacted.

T. Ben. George, Jr., has joined the colors and gone to Texas for training. His brother, Arlington, was home last week on a furlough.

WELCH BROS. CO.

PATRICK WELCH, President

F. J. REYNOLDS, Manager

FOR EASTER

Large Line of Plants and Cut Flowers from the Best Growers in New England

EASTER LILIES in pots, 25 plants to crate.

AZALEAS, GENISTAS, HYDRANGEAS, etc., all packed well and shipped to any address.

CARNATIONS. All leading varieties, including Benora, Pink Delight, Ward, Matchless, Fenn, Beacon and others.

ROSES. Russell, Stanley, Ophelia, Sunburst, Hadley, Montrose, Shawyer, and many more varieties.

BULBOUS STOCK of all varieties.

We will have an extra fine line of **Lily of the Valley** and Cattleys, Adiantum, Plumosus, Sprengeri and Smilax.

Flowers and Plants travel at risk of Purchaser

Get our Price List and save money. Satisfaction guaranteed. Why not give us a trial?

262 Devonshire Street, Telephone Main 5958 6267 Boston, Mass.

CHICAGO.

A new flower store was opened Saturday at 2226 N. California avenue and is known as the Lyndale Flower Shop.

At J. A. Budlong's, where shipping trade is good if it is good anywhere, all the best varieties of roses now on the market are offered to the buyers. This year their entire range has been devoted to roses with the result that they have a large stock to draw from of their own and their many growers keep the supply of other stock complete.

Mr. Phillips, of the Phillips Flower Store, 2852 Armitage avenue, has opened a temporary store for the Easter and spring trade at 957 Belmont avenue. Mr. Phillips has three fine sons all devoting their lives to the defense of their country, and their pictures with the names of their companies form a part of a very unique business card.

The newest of Chicago's wholesale flower stores closed its doors at the expiration of the first year's business. Wiltgen & Freres as a firm are no

more. Wiltgen expects to go to war soon while Freres has taken a position with Zech & Mann. Both young men are energetic and business-like and their failure in no way reflects discredit upon them.

August Juergens, for many years a grower in Chicago, tried the experiment of growing bulbous stock in Mississippi and shipping the flowers home to this market. The narcissus now are arriving at the Chicago Flower Growers' Association and are large, strong stock that compares favorably with the home-grown flowers. They sell for \$1.00 per 100 or \$7.50 per 1,000.

The Poehlmann Bros'. greenhouses are as usual filled with Easter stock. Though a considerable part has been kept just above freezing point in the desire to conserve coal, there is still an extra large crop of roses, carnations and lilies to meet the Easter demands. 40,000 pot plants of lilies are just at their best and the plants grown for cutting are expected to yield 50,000 or more of blooms. O. Freese, manager of the sales department says it is the first time in this

history that the orchid houses have had such an immense crop. There will still be a large quantity for Easter.

ST. LOUIS.

Shaw's Garden has a display of Magnolia grandiflora and some beautiful cinerarias at present.

The publicity meeting on the 5th at S. A. F. headquarters was a success. Members and money were brought in.

The son of Bill Edward, Kirkwood, who enlisted in the navy last June, surprised his family last Sunday, coming home on a furlough for 15 days.

John Walther, florist, 3645 Iowa avenue, had a customer wearing the uniform of a soldier order a wreath sent and received \$4 in change on a worthless check.

C. B. Nicholson, president of the Nicholson Printing Co., who for many years has had his hobby with orchids, has donated these orchids to the Missouri Botanical Garden.

THE CHICAGO FLOWER GROWERS ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

Everything in Season

Try us with Your Easter Order

182 N. Wabash Ave., CHICAGO, ILL.

PAUL R. KLINGSPORN, Manager

SANDERS

ST. ALBANS, ENGLAND

LARGEST ORCHID GROWERS IN THE WORLD

HYBRIDS A SPECIALTY

Apply for Illustrated Catalogue to

MR. WALTER GOTT

McAlpin Hotel - - New York City

CHRYSANTHEMUMS

ELMER D. SMITH & CO.

See Classified Advertisement

BOSTON.

Frank Connolly formerly head man with D. & E. Welch, is now with B. A. Snyder Co. Frank's perpetual genial smile is a big asset wherever he may link up.

Herman Hackel, one of the knights of the road of Henry M. Robinson & Co., is now a corporal in the 301st at Camp Devens and has been assigned to the officers' quarters.

Members of the Gardeners' and Florists' Club of Boston will have a field day at Waverley on invitation of W. W. Edgar Company. The party starts from Boston at 1.30 p. m., Saturday, March 16.

There will be a meeting in the interest of Increased Food Production in Horticultural Hall on Tuesday, March 19. The first speaker will be Wilfrid Wheeler, secretary of the State Board of Agriculture. W. N. Craig will give a talk on the best varieties to plant and their culture.

Corporal Frank E. Hurley, of the 161st Infantry, has been decorated with the French Cross de Guerre for bravery. Corp. Hurley was formerly in the employ of R. & J. Farquhar & Co. U. S. Naval Aviation Cadet Frank P. Stead, for many years a bookkeeper in the employ of the same firm, was in Boston last Saturday on furlough before leaving for further training in Ireland, where he hopes to gain the commission of lieutenant. Byron C. Grant, also a former employe, has enlisted in the U. S. Naval Radio School. In all, eighteen members of this firm have joined the army and two have been drafted.

On Monday evening, March 11, a banquet was given to Samuel Trockman, recently employed by Henry M. Robinson & Co., at the Elks' Club by his late employers, fellow employees and other friends in the flower market, on the eve of his departure for

the Naval Magazine at Hingham, Mass. W. J. Kennedy was toastmaster and also spokesman in the presentation of a wrist watch, cigar case, and a kit containing a purse of \$25. Among the speakers were Lieutenant Applebaum, Chief Yeoman Marnell, H. M. Robinson, Jr., Charles Robinson, and others. The committee in charge comprised Maurice Hambro, J. M. Cohen, Victor Hartford, Jack Feldman and Max Trockman. Artists from the various theatres came in during the evening and furnished a very entertaining amusement program. The festivities were closed with the singing of "Auld Lang Syne."

PHILADELPHIA.

The Pennsylvania Horticultural Society has had printed and is distributing W. N. Craig's paper on "Vegetables for the Home Garden," delivered before that body Jan. 17th, last.

We had a pleasant visit recently from our old townsman, Wm. Graham, who is now representing the A. L. Randall Co., Chicago. He sells everything in florists' supplies from a needle to an anchor. We all wish him well and I would like to suggest the motto—when you are in need or in trouble—

"Fear God
Follow Roosevelt
Consult Bill Graham."

He is a past master and will show you the straight path to wisdom and prosperity.

From little things spring great results sometimes. Just because a new ladies' dress goods store opened on Market street on Tuesday and as the owners, as a draw, offered a rose free to every customer the wholesale market stiffened and every one of the hundreds of flower shops in the city had to pay more money for what they happened to want. Anathemas from the retailers. Hurrahs from the growers. But philosophically viewed both

sides really benefited in the long run. Let's encourage that spirit among the big dress-goods people. It will help everybody.

LANCASTER, MASS.

One of the prettiest things we have seen this season is a large spreading plant of Cherokee rose at the conservatory of the Bayard Thayer estate in Lancaster, Mass. It has been a veritable sheet of bloom for several weeks. The Cherokee is well entitled to a place among the choicest commercial florists' products. Another lovely spectacle is some superb plants in full bloom of that showy subject, *Nemesia strumosa* Suttoni. This also would create a sensation in the florist trade if presented in such well-grown specimens as Mr. Anderson has to show. Pots of *Lilium regale* are well started for early blooming. Half a dozen large bulbs are set deep in the pot and then three or four small sized bulbs above them, the effect of this arrangement when in bloom being very graceful. Rhododendrons in Lancaster present a very much battered and forlorn appearance this spring and it is evident that the severe winter has tested them very close to their limit of survival. Plenty of snow has been a considerable help to them. Not the least interesting of the many attractions of this progressive place are the propagating houses where myriads of new lilies, pines, etc., from seed sent last fall from Korea by E. H. Wilson are now germinating. William Anderson in his ability to handle these things seem to have inherited an ample portion of Jackson Dawson's mantle. While the greenhouses on some of the Lancaster estates have been partially closed up this season the range on the Bayard Thayer place has been kept running but with all possible fuel economy and very lowest temperature so that this valuable collection of plants has been wisely preserved.

N. Y. STATE FAIR FLOWER DEPARTMENT.

At a meeting of the New York State Fair Commission held recently, the date of the Fair was set for September 9-14, 1918. Professor D. Lumsden, of the New York State College of Agriculture at Cornell University, Ithaca, N. Y., was again appointed superintendent of the Department of Flowers. Several new classes have been added to the premium list, prominent among these being premiums for collections of roses in the professional and amateur classes. Additional premiums are offered for gladiolus, and the sections containing premiums for potted plants and miscellaneous flowers have been materially increased.

A novel feature will be the premiums offered for a collection of cut flowers. Annuals grown in a war garden, 25 vases named. Arrangement of exhibit will be taken into consideration when the premiums are awarded. The premiums for this exhibit will be: 1st, \$25; 2nd, \$15; 3rd, \$7. An affidavit must accompany the entry for this exhibition stating that the flowers were grown by the exhibitor in a garden designed and planted to assist in the production of home food during the period of the war.

Another novel feature will be the awarding of premiums for the best vase of 25 pink asters, late-flowering, branching type. 1st premium, silver cup valued at \$25; second, silver cup valued at \$10; 3rd, silver cup, \$5. This class will be open to any boy or girl under sixteen years of age, residing in the State of New York. Seeds for those premiums will be donated by leading seedsmen in the state, and will be obtainable by writing to D. Lumsden, New York State College of Agriculture at Cornell University, Ithaca, N. Y.

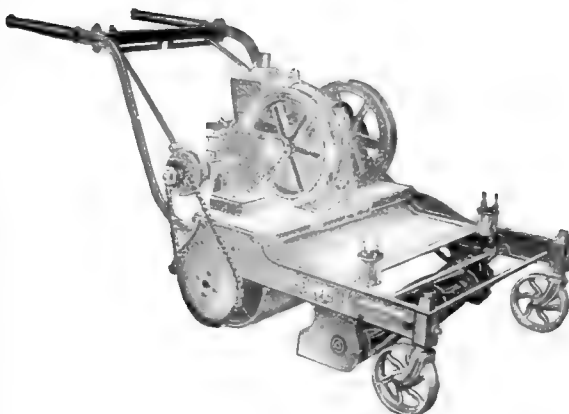
It will be gratifying to the florists of New York State to learn that liberal increases in the appropriation for the Department of Flowers have been made by the Honorable C. S. Wilson, Commissioner of Agriculture, who is an ardent worker for both the agricultural and horticultural interests of the state.

The increase in premiums for flowers will be much welcomed at this time, explaining as it does that although we are engaged in a war of colossal proportions and our bounden duty should be to assist with every means in our power the production and conservation of food, the immense benefits to be derived from the cultivation and usages of flowers must not be forgotten. Flowers play an important part in moulding the lives and characters of individuals and communities and aid in developing a cleaner, higher and more noble citizenship.

PERSONAL.

Fred W. Cowperthwaite, formerly of Philadelphia, has been appointed assistant manager of the seed department of the Macniff Horticultural Co., New York.

John S. Doig has changed his address from Southboro, Mass., to Barrington, R. I., where he takes the position of superintendent on the estate of Frederick S. Peck.



COLDWELL'S

Walk-Type Motor Mower

Labor Saving Mower for Private Estates and Parks

One man using this rapid machine will mow as much as two men with two horse mowers. It does all the work of cutting and rolling the lawn—all you do is follow and guide. Geared up to 4 miles an hour, climbs any grade up to 25%. Low upkeep, long wear, faultless cutting. Two sizes, 30" and 35" cutters. A strong, well built and durable machine.

COLDWELL'S MOTOR MOWER MODEL "J" is the latest *ride-type* machine. Weighs 1100 lbs. on the roller, 40" cut, 4 cylinder Continental engine, Cleveland worm drive, Mayo radiator.

COLDWELL'S "BIG ONE", Combination Tractor and Triple Gang Mower, 87" width of cut, the most economical mower ever made. The cutter part (our latest improved sulky-type Three-some) can be easily detached from the tractor and changed to horse-drawn type if desired.

Write for full particulars on these and our regular line of horse and hand mowers.

COLDWELL LAWN MOWER CO.

FACTORY AND OFFICE AT NEWBURGH, NEW YORK
CHICAGO OFFICE: 62 E. LAKE STREET, CHICAGO, ILL.

SEED TRADE

Cucumber Leaf Spot Disease.

Tests made during the past two years have proved that the angular leaf spot disease of cucumbers and probably anthracnose as well are introduced into new fields on the seed, says the United States Department of Agriculture. Dipping the seed in a 1/1000 mercuric chloride (corrosive sublimate) solution for five minutes renders the seed disease-free and has no injurious effect on germination. Since both diseases overwinter in the soil of diseased fields, however, it is highly important not to plant in fields which were in cucumbers the preceding season.

Treatment of cucumber seed is a relatively simple operation and can be easily done in the storage houses if running water is at hand. Metal containers cannot be used for the mercuric chloride solution. The highly poisonous nature of this substance should be kept in mind. Purchase mercuric chloride on the basis of one pound to every 500 pounds of seed to be treated. Make up a concentrated stock solution of a strength of 1/20 by dissolving one pound in two and one-half gallons of water. This stock solution is diluted to 1/1000 by adding one quart to twelve and one-quarter gallons of water. Stir thoroughly. For the treatment use a barrel, wooden tub, or large crock.

How to Treat Seed

Place the seed in burlap or cheese-cloth bags, fifty pounds in each bag. The bags should not be over three-quarters full to allow for swelling of the seed and to facilitate stirring. Immerse the bag of seed in twelve and one-half gallons of the 1/1000 bichloride solution and agitate vigorously with a stick to secure thorough wetting of the seed. Remove the bag promptly at the end of five minutes. Immerse at once in a barrel of running water and stir thoroughly. Wash about fifteen minutes. Dry the seed as rapidly as possible. Forced drying by a centrifugal machine or an air blast is much to be desired. The bichloride solution should be used only once, since its strength is greatly decreased. Make up a fresh dilution from the stock solution for every bag of seed.

To treat seed in smaller quantities dissolve one tablet of mercuric chloride in one pint of water for each half pound of seed.

Growers should not plant cucumbers in the same fields used in 1917 for cucumbers, watermelons, or canteloupes, or on land immediately adjacent to such fields.

Guard against reinfection of the treated seed. Bags to be used for treated seed should be soaked in the 1/1000 bichloride solution for at least five minutes, rinsed and dried. Solution used once for seed may be used for this purpose.

Flower Seeds, Cannas, American Grown Gladioli, Etc.

WHOLESALE CATALOG, NOW READY

Arthur T. Waddington Co., Inc.

128 CHAMBERS ST., NEW YORK CITY



Send for our Wholesale Florist Catalogue Now Ready.

Lily of the Valley Pips

FOR EARLY FLOWERING

Every florist should have a few of these dainty flowers for their Easter trade: 100, \$3.00; 1000, \$28.00.

BEGONIAS

Double-Flowering Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze. Mixed: 100, \$4.50; 1000, \$42.50.

Single-Flowering Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon. Mixed: 100, \$4.00; 1000, \$38.00.

FOTTLER, FISKE, RAWSON CO.

The Seed Store 12 and 13 Faneuil Hall Sq., Boston

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

CATALOGUES RECEIVED.

John Cannon Co., Hamilton, Ont.—Wholesale Price List for Spring 1918.

J. J. Wilson Seed Co., Newark, N. J.—Seed Annual for 1918. Title page in colors.

Vaughan's Seed Store, Chicago and New York—1918 Illustrated Catalogue of Seeds, Plants and Implements.

Fraser Nursery Company, Inc., Huntsville, Ind.—Surplus List, February 22, for Nurserymen and Dealers only.

Ozark Seed & Plant Company, Nashville, Ark.—Catalogue for 1918. Makes a specialty of Mail Order Seeds and Plants.

Heatherhome Seed & Nursery Co., New York—"The War-Time Flower Garden." A comprehensive list of choice flower seeds and plants.

Alexander Forbes & Co., Newark, N. J.—Vegetable and Flower Seeds and all Garden Requisites. Also Market Gardeners' Catalogue for 1918.

Mrs. George Sheffield, Burton, Wash.—List of Dahlia offers for 1918. An excellent list including a number of home introductions in the various classes.

Henry M. Robinson & Co., Boston—Wholesale Catalogue of Florists' Supplies, Greens, Flowers, Baskets, etc. A very comprehensive list, fully illustrated, 86 pages.

Nitrate Agencies Company, New York City—The "New Idea" Fertilizers

and Insecticides, in large and small salable units. Very useful and interesting for the Catalogue man.

Holm & Olson, Inc., Saint Paul, Minn.—"Creating Your Landscape." A beautiful publication, listing trees, shrubs, hardy border plants and other ornamental material for the garden or park, with fine illustrations of landscape and garden planting. Several plates in natural colors. A model catalogue.

Griffith & Turner Co., Baltimore, Md.—1918 Catalogue of Farm and Garden Supplies. A big catalogue, comprising 260 pages—the most complete list of farm and garden tools and requisites we have seen this season. A splendid reference book. Everything illustrated. The seed and plant department fills 72 pages, the vegetable section leading, and moderate prices prevail throughout.

The bean growers of Monroe County, New York, met at Rochester Chamber of Commerce on Mar. 2nd, and were addressed by P. W. Kimball of the Hoover Food Administration, who explained the necessity for increased bean production and the steps being taken by the Government toward this end. The recent state agricultural census indicates that the planting of beans in this county in 1918 would be 5,000 acres short of last season. Bad weather conditions last year influenced the farmer toward the planting of other crops this season. In a majority of cases the bean crop was almost a total failure.

Asparagus Plumosus Nanus

Northern Greenhouse Grown Seed

100 Seed, \$.50 | 5,000 Seed, \$15.50
1,000 Seed, 3.50 | 10,000 Seed, 30.00
25,000 Seeds, \$72.50

Also all Other Seasonable Seeds, Bulbs and Supplies.

WHOLESALE PRICE LIST FREE.

HENRY F. MICHELL CO.

518 Market St., Phila., Pa.

Choice Flower Seeds

FOR FLORISTS

CINERARIA—Prize strains, mixed

Tall and Semi-dwarf.

ALYSSUM—Little Gem.

CALENDULA—Orange King, Lemon Queen.

SNAPDRAGON—Silver Pink.

BEGONIA—Vernon.

DELPHINIUM NEWPORT ROSE—

Finest Pink Larkspur at auc. per oz., \$2.25 per ¼ lb.

J. M. THORBURN & CO.

Established 1802.

53 Barclay Street, NEW YORK

Paper White Narcissus

Lilium Candidum

Amaryllis, Callas

Cold Storage Lilies

Write us for price

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170 W. Wabash Ave. CHICAGO, ILL.

ROMAN J. IRWIN

108 West 28th St., NEW YORK

CHOICE FLORISTS' FLOWER SEEDS

Asparagus Plumosus Nanus—1000 seeds, \$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengeri—1000 Seeds, \$1.00.

Salvia Bonfire—¼ oz., 50c.; 1 oz., \$2.00.

Salvia Zurich—¼ oz., 75c.; 1 oz., \$4.00.

Stocks Beauty of Nice, 75% Double Flowers

—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; ¼ oz., \$2.00; 1 oz., \$5.00.

Snappdragon, Petunias, Verbenas, etc.

SEND FOR CATALOGUE.

Burpee's Seeds

PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

LILIUM GIGANTEUM

7/9 (300 per case)..... \$55.00 per thousand

8/10 (225 per case)..... 80.00 " "

9/10 (200 per case)..... 100.00 " "

Complete List of Florists' Choice Seeds.
A postal card will bring our catalogue.

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Of Interest to Retail Florists

FLORISTS' TELEGRAPH DELIVERY

Secretly the Florists' Telegraph Delivery Association has compiled a new and complete list of the floral concerns represented in the F. T. D. membership in which is also given the location of the various military camps, naval stations, aviation fields, etc., with reference to the nearest towns in which members of the F. T. D. do business. By use of this list a considerable special business can undoubtedly be developed.

NEW FLOWER STORES.

Polson, Mont.—J. J. Matulys.

Peoria, Ill.—Burre Bros., succeeding D. U. Augspurger & Sons.

Chicago, Ill.—The Lyndale Flower Shop, 2226 N. California Ave.

NEW CORPORATION.

Greenville, S. C.—Maulding Floral Co., growers and retailers, capital stock, \$20,000. Incorporators, Thomas S. Maulding, Chas. F. Ward and H. H. Towne.

BUSINESS TROUBLES.

Charlevoix, Mich.—Babcock & Son, growers, have made an assignment for the benefit of their creditors.

New Haven, Ct.—M. B. Farquharson, florist, 123 Church street, voluntary petition in bankruptcy; assets, \$627.79, liabilities, \$2,104.52.

Williamsbridge, N. Y.—Isadore A. Fight has filed a petition in bankruptcy, individually and as a copartner in the Anglin & Walsh Co., seedsmen, Williamsburg, N. Y., with liabilities of the firm given as \$3,346 and assets \$3,147.

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At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

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735 Euclid Avenue
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Flowers of Every Kind in Season

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Will take good care of your orders
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Visitors' Register

Boston—George E. Baldwin, Mamaroneck, N. Y.; Harry Baldwin, Mamaroneck, N. Y.; W. H. Ritter, Fitchburg, Mass.

Pittsburgh—A. Colyn, Vorhout, Holland; Milton Alexander, New York City; Saul M. Rosenfeld, New York City; Mr. Price, rep. S. S. Penneck Co., Phila.

Cincinnati — John A. Evans, Richmond, Ind.; Fred Rupp, Laurenceburg, Ind.; G. A. Beekman, Middletown, Ohio; Wm. Rodgers, Dayton, Ohio; Miss Harbison, Danville, Ky.; Mrs. J. J. Lampert, Xenia, Ohio.

Cleveland, Ohio—L. M. Lamborn, Alliance, O.; George McCallum, Pittsburgh; Milton Alexander, New York; Mr. Bradshaw of Ove Gnatt Co., La Porte, Ind.; Paul Berkowitz of H. Bayersdorfer Co., Philadelphia.

Philadelphia—Samuel H. M. Clements, Pittsburgh, Pa.; T. F. Bolger and T. Bolger, Jr., Charleston, S. C.; Mr. and Mrs. B. B. Carpenter, Pittston, Pa.; J. E. Way, of Yeatman & Way, Kennett square, Pa.; Wm. Graham, A. L. Randall Co., Chicago, Ill.

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Delivered on mail or telegraph order for
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Flowers or Design Work

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The Best, \$20 per 100
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This is a low price considering the quality of our Gardenias

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and all Seasonable Varieties of Cut Flowers

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264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
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30 East Randolph Street, CHICAGO

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Everything the Best in Florists' Supplies

433 Callowhill Street, Philadelphia

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.
2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON March 13		ST. LOUIS March 11		PHILA. March 11	
Roses						
Am. Beauty, Special	35.00	to 50.00	40.00	to 50.00	50.00	to 60.50
" " Fancy and Extra	15.00	to 25.00	15.00	to 20.00	25.00	to 40.00
" " No. 1 and culls	4.00	to 8.00	3.00	to 6.00	6.00	to 20.00
Russell, Euler, Mock	2.00	to 12.00	6.00	to 25.00	4.00	to 25.00
Hadley	2.00	to 18.00	6.00	to 12.00	4.00	to 20.00
Arenberg, Hoosier Beauty	2.00	to 8.00	2.00	to 4.00	4.00	to 18.00
Ward	2.00	to 8.00	3.00	to 5.00	4.00	to 8.00
Killarney, Radiance, Taft	2.00	to 8.00	2.00	to 6.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon	2.00	to 12.00	3.00	to 10.00	4.00	to 18.00
Carnations	1.00	to 2.00	1.00	to 3.00	1.50	to 4.00
Cattleyas	25.00	to 50.00	...	to 50.00	25.00	to 50.00
Dendrobium formosum	...	to 50.00	...	to 50.00	50.00	to 60.00
Lilies, Longiflorum	6.00	to 8.00	10.00	to 12.50	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	...	to ...	4.00	to 6.00
Callas	10.00	to 15.00	...	to 10.00	8.00	to 10.00
Lily of the Valley	5.00	to 8.00	6.00	to 8.00	4.00	to 8.00
Snape dragon	6.00	to 10.00	...	to ...	3.00	to 18.00
Violets	.35	to .75	...	to .30	.20	to .50
Freesia	1.00	to 2.00	...	to 4.00	1.00	to 3.00
Narcis, Paper White	1.00	to 2.00	...	to 3.00	2.00	to 3.00
Roman Hyacinths	1.00	to 2.00	1.00	to 3.00	2.00	to 3.00
Daffodils	2.00	to 3.00	1.00	to 2.00	1.50	to 3.00
Tulips	2.00	to 4.00	3.00	to 5.00	2.00	to 4.00
Calendula	1.00	to 2.00	1.00	to 2.00	1.00	to 3.00
Mignonette	3.00	to 4.00	...	to ...	2.00	to 4.00
Sweet Peas	.50	to 1.00	.30	to .75	.40	to 2.00
Marguerites	1.00	to 2.00	1.00	to 2.00	.50	to 1.50
Gardenias	15.00	to 25.00	...	to ...	5.00	to 20.00
Adiantum	1.00	to 1.25	...	to 1.00	1.00	to 1.50
Smilax	20.00	to 25.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	25.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568 570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Flower Market Reports

BOSTON A considerable section of the bottom seems to have dropped out of the flower business this week. Crops are generally heavy and there are large quantities of flowers stocked up in wholesale market hands. Quality is very superior as a rule, with the exception of lilies, many of which are decidedly poor. Sweet peas are coming in very heavily. Easter outlook is for an abundance of everything. The Meyer funeral on Tuesday of this week brought a considerable amount of business to the retail florists of Boston and some very handsome pieces of floral work were executed in the leading establishments.

The Chicago market is feeling the spring influence these days. Stock continues to come and it looks very much as if a glut in some varieties is inevitable. Prices are displayed at all the smaller stores that rival those of the wholesalers. Some extra fine roses, carnations, sweet peas and bulbous stock are coming each day and sales are being made at a low price in order to clean up. Those who have a good shipping trade are fortunate for the local demand is not strong. Orders are being booked for Easter and it has often been demonstrated that this is a wise thing to do. There is no difficulty now in getting prompt service in shipping and this with the coal vexations over takes another burden off the florist.

Stock is plentiful while the market is somewhat weak. As a result prices are rather low and different kinds of stock have crowded up in the wholesale establishments. Shipping business in supplies is good but in other lines is only fair. Roses are plentiful and carnations are in such a heavy supply that they are almost in a glut. Lilies and callas and all bulbous stock are very plentiful. Sweet peas, too. Excellent lily of the valley, orchids and single violets are offered, also calendulas, prim-roses and forget-me-not.

The supply of flowers at present exceeds the demand in the Cleveland market, although not to any serious degree. Business is satisfactory in general, but in the words of one wholesaler, "could be better." Prices are correspondingly weak. Daffodils are especially plentiful and are selling at less than the cost of the bulbs. Long sweet peas are among the best sellers. Cleveland greenhouses in general have survived the winter well.

Business continues below the average for the season and prices have kept on sagging. This does not appear so much in small sales but when large quantities are disposed of the question of price is a very elastic one. Flowers are good as a rule. There are many poor lilies, however, and violets are below the average of quality. Bulbous stock is greatly overdone and there are accumulations in many wholesale stores. Roses are not much overstocked but carnations are



PUSSY WILLOW

Some long, some medium, some short, wonderfully choice quality at 25c, 50c, 75c and \$1.00 per bunch. Special prices in quantity.

EVERYTHING IN PLANTS, CUT FLOWERS, GREENS, RIBBONS AND SUPPLIES.

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1608-1620 Ludlow St.
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BALTIMORE
Franklin & St. Paul Sts.

WHOLESALE FLOWER MARKETS		TRADE PRICES—Per 100 TO DEALERS ONLY			
	CINCINNATI March 11	CHICAGO March 11	BUFFALO March 11	PITTSBURG Feb. 4	
Roses					
Am. Beauty, Special	40.00 to 50.00	40.00 to 50.00	40.00 to 50.00	40.00 to 50.00	
" " Fancy and Extra	25.00 to 35.00	30.00 to 40.00	25.00 to 35.00	20.00 to 35.00	
" " No. 1 and culls	10.00 to 15.00	15.00 to 25.00	3.00 to 10.00	10.00 to 15.00	
Russell, Euler, Mock	8.00 to 15.00	5.00 to 25.00	4.00 to 12.00	8.00 to 25.00	
Hadley	8.00 to 15.00	..... to	5.00 to 12.00	..... to	
Arenberg, Hoosier Beauty	6.00 to 12.00	4.00 to 12.00	5.00 to 12.00	..... to	
Ward	4.00 to 10.00	4.00 to 12.00	3.00 to 6.00	6.00 to 12.00	
Killarney, Radiance, Taft	4.00 to 8.00	4.00 to 10.00	3.00 to 8.00	6.00 to 12.00	
Ophelia, Sunburst, Hillingdon	5.00 to 15.00	4.00 to 12.00	4.00 to 10.00	6.00 to 12.00	
Carnations	2.00 to 3.00	1.00 to 3.00	2.00 to 3.00	2.00 to 4.00	
Cattleyas	..... to 60.00	35.00 to 50.00	40.00 to 50.00	40.00 to 60.00	
Dendrobium formosum	..... to .....	..... to .....	..... to .....	..... to	
Lilies, Longiflorum	10.00 to 12.00	8.00 to 12.00	8.00 to 12.00	10.00 to 12.00	
Lilies, Speciosum	..... to .....	..... to	3.00 to 6.00	4.00 to 8.00	
Callas	8.00 to 10.00	6.00 to 12.00	..... to .....	..... to	
Lily of the Valley	..... to 6.00	4.00 to 6.00	6.00 to 8.00	..... to	
Snopdragon	4.00 to 8.00	4.00 to 10.00	4.00 to 8.00	4.00 to 8.00	
Violets	.50 to .75	.25 to .75	.50 to .75	.35 to .75	
Freesia	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	
Narcis, Paper White	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	
Roman Hyacinths	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 4.00	
Daffodils	2.00 to 4.00	1.00 to 3.00	2.00 to 3.00	..... to	
Tulips	3.00 to 4.00	2.00 to 3.00	3.00 to 4.00	4.00 to 6.00	
Calendula	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	3.00 to 6.00	
Mignonette	4.00 to 6.00	3.00 to 6.00	2.00 to 5.00	2.00 to 5.00	
Sweet Peas	.75 to 2.00	.50 to 1.50	.50 to 2.00	.75 to 3.00	
Marguerites	..... to 1.00	..... to 1.00	1.00 to 1.50	1.00 to 3.00	
Gardenias	..... to	12.00 to 20.00	20.00 to 25.00	..... to	
Adiantum	..... to 1.00	..... to 1.00	1.00 to 1.25	1.00 to 1.25	
Smilax	..... to 15.00	15.00 to 20.00	15.00 to 20.00	15.00 to 20.00	
Asparagus Plu. & Spren. (100 Bhs.)	25.00 to 35.00	25.00 to 50.00	35.00 to 50.00	35.00 to 60.00	

and so also are sweet peas, of which there are all grades of quality. American Beauty PHILADELPHIA has been coming a little more freely and with slightly improved market conditions has moved off pretty well. Next in order in popular favor is the Russell which remains of fine quality and a fair supply. Other roses are still rather short crop with the exception of pink Killarney. The lower grades of the latter come in very abundantly. Carnations are plentiful and fine although not quite so many as last week. Stocks in general seem to be later than last year—probably because of being grown cool on account of the hard winter and the coal scarcity. This condition is especially noticeable just now in the sweet pea

(Continued on page 267)

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609

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Fresh Cut Decorative Evergreens.

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121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

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ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

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SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

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Telephone 2483 Farragut

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HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3804 and 8304 Madison Square

57 WEST 26th STREET

HENRY M. ROBINSON CO. OF NEW YORK**WHOLESALE FLORISTS**

55-57 West 26th Street

Telephones, 13—8510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending Mar. 9 1918		First Part of Week beginning Mar. 11 1918	
American Beauty, Special	25.00	to 35.00	25.00	to 35.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	8.00	to 20.00	2.00	to 20.00
Hadley	2.00	to 50.00	2.00	to 50.00
Arenberg, Hoosier Beauty	2.00	to 10.00	2.00	to 8.00
Ward	2.00	to 8.00	2.00	to 8.00
Killarney, Radiance, Taft	2.00	to 8.00	2.00	to 8.00
Ophelia, Sunburst, Hingham	2.00	to 12.00	2.00	to 12.00
Key	2.00	to 12.00	2.00	to 12.00
Carnations	1.00	to 3.00	1.00	to 3.00

GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS

129 West 28th Street

Tel. 6237 3563 Farragut

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 28th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 429-421-423 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

180 West 28th Street, Tel. Farragut 664.

NEW YORK.

Flower Market Reports

(Continued from page 265)

crop which is beautifully hardened off with splendid substance and bears shipping much better than usual.

PITTSBURGH The market keeps active through the agencies of the season department store openings requiring quantities of foliage plants and cut blooms. The opening of the million dollar Grand Opera House was also the inspiration last week for decorative floral work and congratulation bouquets and formal pieces on a scale never before experienced in theatrical circles in the city. Lilies are coming in more plentifully. Exceptionally fine sweet peas, too, are on the increase, and meet a fair demand. There are also more carnations, as well as quantities of tulips which, however, have only a fair market. Roses remain scarce.

ROCHESTER, N. Y. Business has not been very brisk, but the forepart is good. Bulbous stock is very plentiful, necessitating special sales. Carnations are crowding but good in quality. Roses of all kinds are fine, especially Ophelia and Scott Key. Lilies are selling well, but the supply is meagre. Violets are still coming in very plentiful, as are sweet peas, freesia, yellow marguerites, mignonette and Narcissus poeticus. Pussy Willows are being used very extensively in baskets.

ST. LOUIS Carnations are cleaning up satisfactorily, also roses at fair figures. On "clean-up" lots of carnations \$10 per 1000 has been the prevailing prices. Short stem roses sell at \$2.00 per 100 in all varieties. Violets are getting smaller with prospects of but few for Easter. Sweet peas are coming in nicely.

CLUB AND SOCIETY NOTES.

The Reading, Pa., Florists' Association held its monthly meeting Thursday, March 7, at the home of J. C. Bauder, with a full attendance. All made a report of the stock they have on hand and the outlook for the Easter trade. The growers reported that lilies would be plentiful. The principal discussion of the evening was regarding better co-operation. The new idea is for each member to specialize on one or a few plants or flowers. In that manner the dealers can raise their quota to supply the demand.

The monthly meeting of the Paterson (N. J.) Floricultural Society was held at Y. M. C. A. hall, Tuesday night, March 5. It was decided to donate the proceeds of the June rose show to the Y. M. C. A. recreation fund and the proceeds of the fall dahlia show to the Red Cross. In the monthly competition Edward Vandercliff, gardener to Mrs. A. T. Leonhard, of Haledon, was awarded the following points for a splendid exhibit: Carnations, 75 points; narcissus, 65 points, and snapdragons, 75 points.

J. K. ALLEN

A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS

Shippers of good flowers can find here a steady market for their product, with good returns and prompt payments. Make a start now for the New Year.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3056

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Mar. 9 1918		First Part of Week beginning Mar. 1 1918	
Cattleyas.....	15.00	to 40.00	15.00	to 40.00
Dendrobium formosum.....	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum.....	4.00	to 8.00	4.00	to 8.00
Lilies, Speciosum.....	3.00	to 8.00	3.00	to 8.00
Callas.....	10.00	to 12.00	10.00	to 12.00
Lily of the Valley.....	2.00	to 5.00	2.00	to 5.00
Snapdragon.....	2.00	to 10.00	2.00	to 10.00
Iris.....	8.00	to 12.00	8.00	to 12.00
Violets.....	.30	to .40	.30	to .40
Freesias.....	1.00	to 2.00	1.00	to 2.00
Narcissus, Paper White.....	.75	to 1.50	.75	to 1.50
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Daffodils.....	2.00	to 4.00	1.00	to 4.00
Tulips.....	1.00	to 3.00	1.00	to 3.00
Calendula.....	2.00	to 3.00	2.00	to 3.00
Mignonette.....	2.00	to 4.00	2.00	to 4.00
Sweet Peas.....	.50	to 1.50	.50	to 1.50
Marguerites.....	1.00	to 3.00	1.00	to 3.00
Gardenias.....	8.00	to 30.00	8.00	to 30.00
Adiantum.....	.50	to 1.00	.50	to 1.00
Smilax.....	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Spreng. (100 bunches).....	25.00	to 50.00	25.00	to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5891.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

FLOWER GROWERS

I have a good wholesale market for Pansies, Violets, Carnations and all other stock of quality.

Regular Shipments Solicited

B. S. SLINN, Jr.

55 and 57 W. 26th Street, NEW YORK

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Growers and Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties in their Season.

THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free
For sale by dealers.

Webster, Mass.—The Webster Floral Co. have had all they could do to keep their houses going this winter, with the extreme cold and fuel shortage. The firm is composed of Mr. Martins and Mr. Gustafson, formerly bookkeeper and grower, respectively, at the A. N. Pierson place in Cromwell, Conn. They bought the old F. C. Riebe place here last fall and found the heating apparatus inadequate and out of repair but are hoping to get the place into good shape this season. They are planning for a large bedding plant business for this spring. One house of lettuce is coming along fine.

One of the oldest established florists in this section is Paul Klaber, who, in addition to his greenhouse business, fills the position in charge of the parks and street trees of Webster. He also has suffered from the fuel shortage and closed down two of his houses, which he is now preparing to put into commission again.

SALESMEN OFF THE ROAD?—ADVERTISE!

It is well known that the advertising man is a very important person in the business world. He is the one who brings the product to the attention of the public. In some cases, due to the difficulty of obtaining deliveries, lack of raw materials, etc., he has caused many able managers to reduce their forces. In a number of lines traveling salesmen have been recalled to the home office.

Under such circumstances some sales managers have questioned the advisability of advertising, when there was "no business." The advertising manager who finds this attitude prevailing, in spite of his well-grounded belief in correct advertising principles, oftentimes is allowed to continue his trade paper schedules under protest, with the possibility constantly present that cancellation of advertising contracts will be ordered at any moment, even though he should advise against it. In such a situation it may

well be contended, and with good reason, that business conditions of this kind make the continuation of trade paper advertising even more necessary than usual.

Take, for example, the case of a large and well known company manufacturing heating boilers, which has been taken over by the Government. Under normal conditions architects and contractors would be constantly reminded of this line of boilers, at times when estimates were being figured and heating problems discussed.

The output of this concern is temporarily off the market, and heating contractors favoring this equipment are not pushing the line. Under the circumstances it no longer receives the valuable selling publicity it formerly was given through these channels. In fact, substitute lines are being discussed, and the advantages of any particular substitute may be rather forcefully presented, to its great and permanent advantage. Under these conditions it could hardly be too strongly urged that normal publicity in trade and architectural papers is more than ordinarily necessary.

Another example might be cited of certain lines of specialty hardware whose delivery possibilities are so limited that salesmen are not making their regular calls on the trade. Advertising the line in hardware papers is an excellent method of keeping the product before the trade, and advertising of this kind is certainly necessary under the circumstances.

A variety of examples of similar character might be drawn from existing conditions to prove the advisability and the dollars-and-cents value, in the long run, of depending more on your advertising to keep your name and line before your customers in the absence of regular calls or fewer calls of your salesmen, even though the general situation is devoid of immediate sales possibilities.

SETTING THE PEOPLE RIGHT.

The following letter by E. A. Chipman which appeared in the Woonsocket, R. I., Call, on January 18, is a good example of how all florists should try to inform and educate the public so that a proper estimate of the florists' business and its place in the community may be inculcated.

PITY THE FLORISTS.

To the Editor of The Woonsocket Call.
Dear Sir: At this time when all are being deprived to a greater or less extent of the luxuries of life, and even the necessities, each and every man is inclined to look about him and see if his neighbor is indulging in luxuries which he, himself, has cut off. While the Food and Fuel Administrations have matters largely in their own hands, public opinion is the real and final arbiter, and while these officials must and do reach a knowledge of the conditions of all cases so far as possible, the public would spare them much unjust criticism if it would study the real conditions.

As a florist, I wish to ask the public consideration for our business, more especially in this city. Compared with the florist business in other cities ours is a feeble one, and by many considered a business of luxury. We find by looking around that some two score people, or more, gain their daily bread by this occupation in or near our city. To the unthinking person this business is considered unnecessary and a luxury. It may be. So, also, it is an unnecessary thing and a luxury to wash one's

face. The water costs money. Where shall we draw the line?

There is little question as to the necessity of early vegetable plants grown by the florists. The hundreds of thousands grown and sold in this city speak for themselves. The time for sowing of these seeds is nearly at hand. With empty coal bins, scarcity of labor, the high cost of living, it requires great determination and courage to do that which will best serve the public in these matters.

Many thousands of dollars are invested by florists in building, stock, etc. A few hours without coal on a cold night would mean ruin—total loss of plant stock that could not be replaced without years of labor. A few may be sacrificed for the many, but can the community afford to lose these pioneers in this industry? And right here let me suggest that as many as possible make themselves acquainted with the various greenhouses in and near Woonsocket. Learn what they are doing, their struggles; compare with the needs of the public, and decide for themselves whether this infant industry shall be fostered or crushed. Everyone will find, without exception, that the proprietors of greenhouses and florists' stores, will explain full details and methods of their business. It would be a revelation to nearly all who would do this. They would then ascertain the conditions which make possible the flowers they give to make their loved ones happy, the floral offerings by which they express regard for those deceased, their hours brightened by plants and flowers, and their tables supplied with early vegetables.

The florist cannot close up for a vacation of a month or two weeks, not even in the summer. His work covers 365 days in a year. From November till April he can have no coalless days. Although his table may be wheatless and meatless he cannot suspend business a day, nor even an hour.

Perhaps no industrial class has been so hard hit by the coal situation as the florist. Many of them have been forced out of business. We could go on to tell of sleepless nights spent in stoking, the conservation of fuel to the point where profit is eliminated and plants barely kept alive. We could tell of a florist scurrying about from place to place trying to get a ton of coal which would last possibly two nights, but perhaps we have said enough. No coal, no plants.

E. A. CHIPMAN.

Woonsocket, R. I.

WHEN SPRING COMES BACK.

When Spring comes back—old dreams come, too.

Across the starlight and the dew,
From vanished years and distant ways
Through many, many yesterdays—
Dreams that in winters sweep of snow

We thought had passed forever by,
But when the south wind whispers low

And God's blue gets back n the sky,
Where bud and bloom crown vale and hill
We find them waiting for us still.

They seek us in the morning sun—
They follow still when day is done—
In song or blossom or the mist

Of rain that gathers from the hills—
Gray shadows beckon to the trust

That waits beyond rock-fretted rills,
Until, like vagabonds adrift,

We wander back across the ways
To seek again the vanished shift

Of Life in Love's dim yesterdays.

—Grantland Rice, in *Songs of the Stalwart*.

Estab. 1765

Incorp. 1904



WORLD'S OLDEST and LARGEST
MFRS. of FLOWER POTS

Prepared to Ship all Styles and
Sizes on Order

A. H. HEWS & CO., Inc.
Cambridge, Mass.

The 1st of May Thrift Stamp Day In The U. S. A.

The Active Co-operation of
Every Reader of

HORTICULTURE

Is Urgently Requested To
Make It A Success

May 1st, 1918, will be observed throughout the United States as Thrift Stamp Day. On that day retail stores everywhere in every line of business will ask customers to take part of their change in Thrift Stamps! It will be patriotic for every man, woman, and child to accept at least one Thrift Stamp as change on every purchase made that day and to make as many purchases as possible on May 1st.

Here is a big practical way of getting millions of Thrift Stamps into the hands of the people of the United States, and of insuring the success of the Government's War Savings Stamps campaign. Thrift Stamp Day will help everyone. It will prove a tremendous boost to business. On May 1st, 1918, the nation should do the biggest total retail business of any single day in our history! The beneficial habit of Thrift will be sown broadcast among the citizens of the U. S. A.! Most important of all, Uncle Sam will be furnished with the sinews of War and Victory!

American business must go "over the top" at once in a quick drive to make Thrift Stamp Day an overwhelming success. You wholesalers, you jobbers, you salesmen, must talk Thrift Stamp Day among your trade, arouse the enthusiasm of the retailers, the storekeepers, the clerks behind the counters. Uncle Sam needs your help. A practical plan has been prepared showing how each one of you can "do your bit" to make Thrift Stamp Day a red letter day in American business annals. Write for this plan today without fail. Remember, in helping Uncle Sam you are helping business and helping yourselves. Address Mr. W. Ward Smith, National War Savings Committee, 51 Chambers St., New York City.

NATIONAL WAR SAVINGS COMMITTEE
51 Chambers Street, New York City



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE
 For Catalogues and Discounts address
AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

HYDROCYANIC-ACID GAS AS A GREENHOUSE INSECTICIDE

By the careful use of hydrocyanic-acid gas, practically all insects infesting the foliage of ornamental plants in greenhouses may be controlled more cheaply and effectively than by any other means, according to a bulletin just issued by the United States Department of Agriculture, "Fumigation of Ornamental Greenhouse Plants with Hydrocyanic-Acid Gas," by E. R. Lasser and A. D. Borden. It is pointed out, however, that in fumigating a greenhouse containing a large variety of plants, even when using the correct quantity and under just the right conditions, there is risk that the tender growth of some plants may be injured. This injury is not permanent, however, and such plants will show new vigorous growth in a short time. The growth of many plants is stimulated by hydrocyanic-acid gas.

The chemicals required for the fumigation are sodium cyanid containing not less than 51 per cent. cyanogen, or potassium cyanid containing not less than 38.4 per cent. cyanogen, sulphuric acid 93 per cent. pure and water. Cyanid for fumigation purposes should be practically free from chlorin.

PRECAUTIONS TO BE TAKEN.

Fumigation should not be attempted in daylight, or when the temperature in the house is below 50 degrees F. or above 70 degrees F. Cyanid is one of the most poisonous substances known and extreme care must be used in its handling. The chemicals must not be within reach of those unacquainted with their nature, and must always be plainly labeled. Among other measures of care are the following: Chemicals should be handled preferably with old gloves used for no other purpose; the acid must not touch clothes or skin. The water must not be poured on the acid; put the water in the generator first and then the acid. The person who places the cyanid in the water and acid must

FOR SALE

FOR SALE.—Property consisting of greenhouse and residence located on Ashland Street, Roslindale, near Calvary Cemetery. A fine opportunity for investment. Address L. Pennig, 380 Ashland St., Roslindale, Mass.

GREENHOUSES FOR SALE.

Two 15 x 90 ft.; one 15 x 75 ft.; one 17 x 64 ft.; stocked with violets and one small Propagating House. Three acres choice land. House of 8 rooms and bath. Electric lights, city water, hot water heat for all. Price \$5,500, worth \$8,000. Located at Westboro, 12 miles from Worcester, Mass., on electric line. Apply to ARTHUR GEORGE, Florist, Westboro, Mass.

DREER'S "Riverton Special" Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$2.75	\$30.00	\$230.00
20	18 in.	2.25	24.00	190.00
30	16 in.	1.75	19.00	152.00
40	14 in.	1.50	17.00	135.00
50	12 in.	1.00	11.00	88.00
60	10 in.	.70	7.75	62.00
70	8 in.	.55	6.50	50.00

The Riverton Tub is sold exclusively by us, and is the best ever introduced. The neatest, lightest and cheapest. Painted green and bound with electric-welded hoops. The four largest sizes are equipped with drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs, and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

leave the greenhouse immediately, and persons must never enter a fumigated house until it is thoroughly aired. To insure this, some arrangement must be provided by which the ventilators can be opened from the outside. Danger signs must be posted at all entrances, and the house tightly closed before the fumigation begins, and a greenhouse adjoining a dwelling should not be fumigated without pre-

viously notifying the residents of the dwelling.

These precautions and others, together with a fumigation table which tells the quantities of chemicals to be used for various insects on a great variety of plants, are given in Farmers' Bulletin 880, which will be sent free on request from the United States Department of Agriculture at Washington.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
 Bulbs of all descriptions. Write for prices.
 NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTEMUMS

GOOD RETURNS WITHOUT THE COST OF COAL.

WITHIN THE REACH OF EVERY GROWER.

PLANT EARLY CHRYSANTHEMUMS. Such as will mature before the last of October. We are booking orders for delivery now or later as desired. Complete list of the best early, both Pompons and large flowering supplied upon request. If our 1918 Trade List has not reached you, ask for it.
ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
 Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

New and rare Cactus and Peony Dahlias, 100 named varieties, many unobtainable elsewhere. Correspondence only. No catalogue. Mixed lot, identity lost, 30c., \$3.00 doz. **F. E. TAYLOR, 121 Wildwood Ave., Upper Montclair, N. J.**

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

GLADIOLI.

SEND FOR MY SPECIAL TRADE LIST OF GLADIOLI. ALL THE LEADING VARIETIES IN DIFFERENT SIZES.

CENTRAL GLADIOLUS GARDENS.
JELLE ROOS, MILTON, MASS.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PAPER POTS

Paper Pots and Dirt Bands. Send for Samples and Prices. **F. W. ROCHELLE & SONS, Box 65, Chester, N. J.**

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. **C. BETSCHER, Canal Dover, O.**

ROSES

ROSES, CANNAS AND SHRUBS.
THE CONARD & JONES COMPANY, WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. **LAGE & HURRELL, Summit, N. J.**

STRAWBERRIES

Strawberry Plants. Money making varieties. Catalogue Free. **BASIL PERRY, Georgetown, Delaware.**

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. **J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.**

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

THE INSECTICIDE SITUATION.

It has been anticipated during the last few years, more than ever before, that we have reached the alternatives either anticipation of a better future, just as there has been trouble with our insecticides. Therefore, so we can see that more and better insecticides may be added to the list, for there is already a shortage in arsenic the basis of many of our insecticides.

The source of arsenic for insecticides is white arsenic and arsenious oxide produced from the roasting of arsenical ores. Imports upon which we have depended for a great deal of the arsenical ores has been small. The price of arsenic has consequently risen and there has been a consequent rise in the prices of most of the arsenical insecticides. The advance in the fall of 1917 was approximately ten per cent, over the prices quoted in the early summer and these prices seem to be holding up to the present time.

There is a shortage of sulphur, as well, owing to the lack of suitable sources in this country, hence, there has been a corresponding advance in price of material for the making of lime-sulphur solution.

The tobacco insecticides have remained about the same since 1914, and there is no anticipation of any change in the near future.

The Government will shortly fix the price of insecticides. This will give further stability to the price and should ease the minds of buyers on this point, although it seems that insecticide companies have played fair in this matter, moving up their prices

only in accordance with the rise in the price of raw materials.

The problem of transportation and distribution is one of great importance and dealers and growers will do well to make early plans for another year, ordering supplies well in advance of their need, particularly for those insecticides containing arsenic which are sure to be needed for the protection of staple crops. It is hoped that organizations will co-operate to the extent of buying carload lots from the manufacturer since this makes for economy and quick delivery.

Arsenate of lead powder can be stored in any dry room. Arsenate of Lead paste must be stored in a warm room; most cellars are suitable.

Growers should either make plans for buying now, or find out the condition of the market at an early date from those from whom they are accustomed to buy. Dealers should anticipate the demand instead of waiting until the insects have taken more than their usual ten per cent of the profits before attempting to secure a supply from the manufacturer.

Let us not be caught next year as many were caught last summer when the potato plant lice increased in number and did such destructive work. Many dealers were unable to supply the farmer's demands and few farmers had a sufficient stock on hand. It may be the potato beetle next year, or it may be plant lice again. Let us be a "move" ahead instead of a "movie" behind.

GEORGE H. LAMSON.

Conn. Agri. Col.

A WAR GARDEN TALK

"We must have three times as many gardens this year as last," declared Mrs. John D. Mackay of Quincy, chairman of the conservation committee of the Massachusetts Federation of Women's Clubs, which opened a conference at Horticultural Hall on January 11. "We must make up a tremendous shortage by what we raise, and by what we can save."

"Home gardens are a vital necessity," said William N. Craig, superintendent of the Faulkner farm, "but in these so-called war gardens do not bar flowers. Nothing is more helpful than flowers to our invalided soldiers upon their return from the battle front." He recommended commencing work on gardens as early as possible, scouted the idea that it was more expensive to buy seeds than the products, and urged placing early orders for seeds, as a scarcity might be experienced owing to the stoppage of importation.

In his talk he gave a planting schedule including lists and dates of the better varieties of vegetables, and warned against last year's mistake of not planting sufficient quantities of the so-called winter vegetables, consisting of potatoes, carrots, beans, sweet corn, squash and cabbage. The ground should never be left vacant, but as soon as one crop was up an other should be put in.

A practical demonstration of pruning and grafting was given and explained by W. A. Munson of the Walpole Agricultural school. Harris A. Reynolds of the Massachusetts Forestry Association spoke on the "Pine

LEMON OIL CO'S STANDARD SOLUBLE IN WATER INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

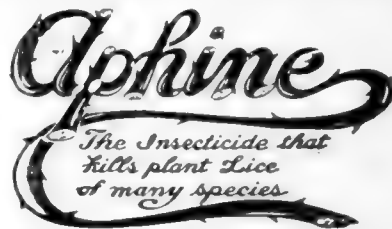
Non-poisonous and harmless to user and plant. Leading Seedmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

½ Pint, 30c.; Pint, 50c.; Quart, 90c.; ½ Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNCINE

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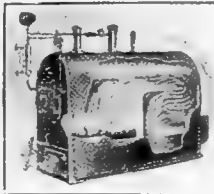
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CLOTH OF GOLD. A very attractive dwarf, compact-growing free-flowering golden yellow. 3 ft. 40 cts. each; \$4.00 per doz.

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POPPY. Intense poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage. Rich and effective. 5 ft. 50 cts. each; \$5.00 per doz.

SALMON QUEEN. An entirely new color in Cannas. Rosy salmon-scarlet, blending to a rosy-carmine toward the centre. The large substantial flowers are freely produced in great clusters high above heavy green foliage. Very effective in bedding. 5 ft. 40 cts. each; \$4.00 per doz.

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GAIETY. Reddish-orange mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine. 4½ ft. 15 cts. each; \$1.50 per doz.

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2000 Genista scoparia.....3 yrs.	500 Amorpha fruticosa.....4 ft.
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VEGETABLE CULTURE

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Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Lima Beans

Good limas are the pride of every garden. To ensure a full crop of this, the most desirable of all legumes, it becomes a necessity in northern districts to prolong the season of growth by starting the seed under glass. This method is particularly commendable in the case of pole limas. The same conditions of temperature and of atmospheric moisture suited to egg plants, peppers and tomatoes answer well the requirements of the lima bean, although, of course, the former are usually started a month or two in advance. A compost containing a goodly proportion of humus is needed in which to start the seed. Well-decayed manure similar to that of a last year's hot-bed should be freely incorporated with the soil, say to the amount of about one-third if the soil is poor. The plants make rapid growth and for this reason it is not advisable to begin too early. The end of April is a good time to start. Use six-inch pots and plant five seeds in each pot and give a right temperature of 60 degrees. Planted in this way each seed may be lightly pressed into the surface soil and covered an inch deep. Water sparingly in the early stages; in fact, if the compost is damp at the time of planting, water should be withheld for a day or two. As the rough leaves develop ventilate and water more freely but always judiciously, and avoid cold draughts and soggy. Maintain a buoyant atmosphere by occasionally damping between the pots on bright days. Gradually inure to cooler treatment as growth becomes rampant, and to avoid entanglement loosely tie the straggling growing points to any light support. If weather conditions warrant, the end of May will be a good time to transplant into permanent quarters.

A warm, well-drained fertile soil suits this crop. It is generally advisable, therefore, to incorporate a liberal quantity of well rotted manure prior to planting; if a sprinkling of wood ashes can be afforded and lightly worked into the surface soil, so much the better. Assum-

ing the ground has been thus prepared and the poles placed four feet apart each way, transplant from the pots with the ball of earth intact. Secure the runners to the poles at the time of planting and water if necessary to give the plants a start.

In districts where weather conditions are more favorable but where cut worms might be troublesome, a good plan is to start the seed in either pots or "flats" at about the usual time for outside planting. Plants thus raised may be transferred to the open ground when rough leaves begin to show. If planted in favorable weather the seedlings suffer little or no check even when transplanted from flats and while little may be gained by way of earliness, this simple practice obviates the cut-worm nuisance. The writer has practised both methods in different latitudes with equal success.

Bush limas, particularly those of the Sieva type, are quicker to mature than climbing varieties. Henderson's Bush Lima is an improved Sieva and although small-podded is reputed hardier as well as earlier than the large-podded varieties. If our correspondent has not yet tried this variety his difficulties might be lessened by a trial this coming season. The variety is listed in the catalogs of numerous seedsmen.

Asparagus

Remove the covering on asparagus as soon as frost is out of the ground and lightly fork between the rows. Avoid injury by merely loosening the soil near the crowns. Well-decayed manure should be dug under or else a dressing of commercial fertilizer applied to complete the operation of cleaning up.

Rhubarb

Rhubarb should have similar treatment. Select a few of the strongest crowns and cover them with empty boxes or barrels and heap horse manure around these to promote early growth. It is necessary to take advantage of solar heat by removing the barrels on warm days, otherwise little will be gained by way of earliness as the result of the covering.

PATRIOTIC BOYCOTTING.

IF YOU CAN AFFORD LUXURIES DO NOT DENY YOURSELF.

Students of economics are realizing that "patriotic boycotting" of certain luxuries that are separate industries and not inter-related with actual war activities is a dangerous program and after all unpatriotic.

The cutting down or eliminating, by those who have surplus means, of certain types of luxuries, is hurting things rather than helping. If people have the money and suspend support to those whose livelihood depends on luxury-producing they do ill. The woman who can afford silk stockings should continue to buy them and not reduce the supply of cotton stockings to those who must buy cotton.

The flower growing-and-selling industry, for instance, is doing its full share in furnishing men and money

for the war, but as a trade it must continue to earn money and the fathers, mothers and sisters of the boys who go to the front, take up the burden of livelihood and merit continued support.

The florists, during the present coal and transportation situation, have bent every energy to give the public the benefits of their efforts and are selling their products at *Prices no higher than before the war*. In many instances, it would have been better from the standpoint of dollars and cents to shut down greenhouses and cease distribution. But instead, they are striving to do better than ever—look at the florist's windows about town and *your thoughts will be an inspiration*.

Even if you can't afford it, don't stint on advertising flowers. It is important to conserve the best ideals

and higher thoughts. Don't bring on a famine of the *sweetest things of life*, thoughtlessly, by overlooking one of the most important methods of getting it before the buying public, that of putting over our new slogan "Say it with Flowers." Tie up to our Campaign, both with your money and home town papers



Chairman, Publicity Committee.

The Buffalo Florist Club held its annual banquet and election of officers at the Statler Hotel on March 5th. Over a hundred florists were present and speeches were made by Chief of Police Gervin, Wm. J. Palmer, Mr. Slattery and others.

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Flower show policies

Nothing but the heartiest approval is due the managers of the big exhibitions of the year in New York and elsewhere for their decision to refrain from soliciting, as in former years, special prizes to excite interest and at the same time relieve the management of a portion of its financial obligations. There was a time when the latter was almost unavoidable, so great was the risk and probability of financial loss in the conduct of a flower show. But we have now learned better how to carry these enterprises to success and a successful outcome is nowadays more of a rule than an exception. A friendly spirit towards the floricultural people, professional and amateur, is a first requisite for popular success and under the exceptional economic conditions now existing it may be fairly assumed that the attitude of generous tradesmen and amateur patrons of horticulture might have been very unfavorably affected by any solicitation for prize donations. So the decision to "go it alone" without outside assistance when funds are so much needed for humane purposes was not only commendably patriotic but good policy with a wise regard to the future. As an example of rare liberality and patriotism the Boston spring

show must have recorded a marked distinction, for the Massachusetts Horticultural Society and all its exhibitors, commercial as well as private, turned over the entire proceeds to the Red Cross.

Barbarism versus Americanism

A writer to the New York Evening Sun, who seems not to have had the courage to sign his name, expresses his views that flowers and plants for decorative and aesthetic purposes are "among the typical luxuries" and asks, "why not divert a large percentage of the florists and their employees from their usual work and turn them to the production of food stuffs?" The knowledge and skill of the florists he thinks, "should become an asset in these times." They die hard, these busybodies, but the public are not taking as much stock in their illogical theories as they once did and they will take still less stock as time goes on and better economic sense prevails. The size, quality and enthusiasm of the public attendance at the two elaborate exhibitions just closed in Boston and New York shows the temper of the people and gives the best answer to the narrow-minded critics who would abolish all these rich displays of Nature's pageantry, exquisite in form and sweet of perfume, with their soul-elevating and civilizing influences, unmake the slow development of the ages and turn back and downward the course of humanity in its evolution upward. How much more reasonable and human than this reactionary propaganda is the position taken by President Hammond in his address to the American Rose Society that "the appreciation and sentiment in favor of nice things is the difference between barbarism and Americanism!"

Easter

Easter, the joyous floral festival, with its inspiring consciousness of awakening life, is now close upon us and what a relief it brings to the worried and distracted florist after the privations he has had to contend with during the winter now happily gone. But while Nature is thus doing her best to smooth over the scars of the conflict the situation for the florist is still far from normal or encouraging, as every one who has occasion to send or to receive the perishable products from any considerable distance knows by bitter experience. We learned, a few days ago, of a shipment of flowers delivered in New York City seven days after its start from Rahway, N. J., just 19 miles distant. This is an exceptional case, of course, but such is the present uncertainty with regard to transportation and delivery either by express or parcel post that plant growers do not dare to entrust their goods to the chances of delivery at any great distance. Hence the big plant establishments that in the past sought a wide territory for the distribution of their product are forced to look for a local outlet and buyers, likewise, are pretty closely limited to their local sources of supply for needed stock. It is to be expected that the Easter now approaching will take on some unexpected peculiarities, for the reason above alluded to as well as on account of the absence from the market of a considerable part of the material heretofore grown extensively for the Easter demand and because of the scarcity and inferiority of the lily crop, which is now pretty well realized. There is no reason to doubt the attitude of the public on the Easter plant and flower custom but every precaution should be taken to forestall the interruptions and irregularities which are liable to interfere with established business methods.

NEW YORK SPRING FLOWER SHOW



BULB GARDEN EXHIBIT BY JOHN SCHELPERS.

The International Flower Show which closed on Thursday night, March 21, after a successful run of eight days at the Grand Central Palace, was a splendid demonstration of the skill of the growers in the face of many difficulties, of the courage and perseverance of those who were intrusted with its responsibilities, and of the loyalty of the public in the matter of flower shows. As compared with the recent automobile show, for example, the flower show was proportionately a much more conspicuous success, which speaks well for the spirit of the people towards Nature's "non-essentials" which cannot be eaten and cannot be used in munition manufacture but, for all that, have a large place to fill as soul-food in this war-torn world and are today needed more than ever before.

It is not yet known just what the financial balance will show but it is quite certain that there will be no deficit and that should satisfy everybody, considering the uninviting outlook and the prognostications of failure which confronted its supporters a few weeks ago. It was a big and serious undertaking and so its success is all the more glorious.

In general effect this show far outclassed all its predecessors. The quantity of material was greatly reduced as compared with last year, when there was far too much stuff and exhibits were crowded together in a confused jumble. The arrangement

this year was open and pleasing, with impressive vistas and abundant room for visitors to move around. Favorable comment on this line was heard on all sides. There were many officials and others who gave their time and effort unceasingly in the performance of the manifold duties that attach to such an affair. We cannot mention them all but we may be pardoned for mentioning individually two gentlemen to whom unstinted praise is due for their fidelity and efficiency—Manager Herrington and Chairman of Judges Totty. The daily newspapers performed their part well. The number of trade visitors from distant points was unexpectedly large and for this the American Rose Society with its annual meeting and active participation in the exhibition schedule was largely responsible. The list of visitors from points outside of about a 25-mile radius appears in another column.

The rival Rose Gardens arranged each year heretofore by F. R. Pierson Tarrytown, N. Y., and A. N. Pierson, Cromwell, Conn., have always been "high liners," and this time, although the competitive idea was abandoned and a special gold medal was awarded to each, they both were if anything, better than ever before. F. R. Pierson's creation was truly wonderful, a gorgeous symphony of rose tints, remarkable for luxuriance and finish. A. N. Pierson's garden was enclosed by a rustic fence over which trailed

his new hardy rambler Rosiere. There was a neat simplicity in the arrangement and planting of the beds of polyanthas that was very pleasing.

There would have been a big gap in the exhibition if the colossal groups of palms, and other foliage and flowering plants contributed by the park departments of Manhattan and Brooklyn had been left out. They were splendid features and full of interest because of the great variety of uncommon plants included in the groups. Another big feature which helped immensely in giving body to the show was the groups of large plants by the Secaucus Exotic Nursery, M. Mutillod, proprietor. The group by the Brooklyn Botanic Garden was most commendable and instructive by reason of the clear labelling of every plant shown.

The big flowering plant groups arranged in picturesque grotto form with rocks and pools, by J. W. Smith of Ridgefield, Conn., and P. W. Popp of Mamaroneck, were very effective features, elaborate in construction and imposing in extent. An arrangement of crotons, dracaenas and other decorative foliage plants in open formation on a moss floor was commented upon by many as one of the most pleasing features of the show. This was the work of R. M. Johnston of Yonkers, N. Y.

We have never seen anything more chaste and charming in the way of dinner table adornment than the

... of the Hotel... included double... camellias, ... Adiantum Farleyense... the skill... the Hotel... decoration... St. Bridgid anemones and lily of the valley.

The orchids were as always a very popular attraction, especially the extensive groups by Julius Roehrs Co. and Lager & Hurrell. The former was arranged on raised tables surrounding a central group and flanked by low rock garden groups. Lager & Hurrell's display, which was awarded 2nd prize, was very skillfully arranged with here and there a little bird or butterfly such as frequent the catteyas in their home.

F. R. Pierson's extensive exhibit of border planting with evergreens, forced shrubs, spring flowering herbaceous plants, bulbs and alpine rockery gems was a beautiful feature and greatly admired. It won the \$500 prize. The Bobbink & Atkins exhibit in the same class, winning the 2nd prize, \$300, was arranged on the opposite side of the wide aisle and the two exhibits made a fine combination.

The Scheepers bulb garden was one of the sensations of the show. With this display there was a windmill and small white Summer houses, with a little Dutch girl as housekeeper. The garden was surrounded by a white picket fence and in the centre of the inclosure was a drinking basin for birds. All the plots were closely filled with bright colored tulips and inclosed by box borders.

A most potent attraction was the "war garden" shown by George J. Gould, of Lakewood, N. J. It was a practical object lesson in vegetable gardening. The garden was 25 x 36 ft., and with the exception of the narrow gravel walks was filled with young growing plants in hills and drills, including twenty-seven varieties of vegetables, the whole surrounded by a picket fence.

F. R. Pierson's entry which won the \$500 prize on Monday, March 18, for the largest and best display of cut roses, comprised one thousand superb blooms in tall vases, arranged with great skill and included Rosalind, Silvia, Ophelia, White Killarney, Killarney Brilliant, American Beauty, Francis Scott Key, Hoosier Beauty and Mrs. Charles Russell.

The display of Nephrolepis varieties by F. R. Pierson was a wonderful exhibit of specimen plants, unquestionably the most comprehensive and impressive collection of its class ever staged. Among the novelties included was the new variety Victory, with crested and fantailed fronds quite different from any heretofore shown.

Carl Hagenburger came in late with a group of his sterling novelties Solanums (Cleveland and Orange Queen, the former bearing red fruit and the latter golden orange. They attracted much notice.

A. N. Pierson put up a collection of stove plants of high character, embracing a particularly beautiful lot of big plants of the Adiantum Farleyense type.

LIST OF AWARDS.

Below we give the list of awards in the various classes, private and commercial. Where not otherwise specified, 1st prize is to be understood having been awarded in each instance.

Private Growers' Section.

PLANTS IN FLOWER

Specimen Azalea 1st, Mrs. F. A. Constable, Mamaroneck, N. Y., gard. James Stuart, 2d, Mrs. H. Darlington, Mamaroneck, N. Y., gard. P. W. Popp.
Twenty-five Amaryllis Mrs. F. A. Constable.
Twelve Amaryllis 1st, Mrs. F. A. Constable; 2d, Mrs. Eugene S. Meyer, Mt. Kisco, N. Y., gard. Alex. Thomson; 3d, Mrs. Chas. Bradley, Convent Station, N. J., gard. David Francis.
Specimen Azalea James A. MacDonald, Flushing, N. Y., gard. R. Hughes.
Twenty-five Cyclamen F. E. Lewis, Ridgely, Conn., gard. J. W. Smith.



IN THE DUTCH GARDEN.

Twelve Cyclamen F. E. Lewis.
Specimen Chelidonium F. E. Lewis.
Specimen Erica F. E. Lewis.
Group of Primulas 1st, Mrs. Payne Whitney, Manhasset, N. Y., gard. George Ferguson; 2d, Col. H. H. Rogers, Tuxedo Park, N. Y., gard. Jas. Ventale.
Six Astilbe—B. H. Borden, Oceanic, N. J., gard. Wm. Turner.
Flowering plants and bulbs covering 100 sq. ft. arranged as a garden Mrs. H. Darlington.

Palms and Foliage Plants

Specimen Arecia lutescens Mrs. F. A. Constable.
Twelve Crotons F. E. Lewis.
Specimen Kentia Forsteriana Mrs. F. A. Constable.
Phoenix Roebeleni Mrs. F. A. Constable.
Specimen Palm, single or bushy Mrs. F. A. Constable.
Group of flowering and foliage plants 100 sq. ft. F. E. Lewis.

PERNS.

Specimen Adiantum James A. MacDonald, Flushing, N. Y.
Specimen Cibotium Selkirkii Mrs. F. A. Constable.
Fern, any other variety 1st, Col. H. H. Rogers; 2d, Mrs. Payne Whitney.

Bulbous Plants.

Lilies, 12 pots—Mrs. F. A. Constable.
Bulbs in bloom, arranged as a garden, 200 sq. ft. 1st, Mrs. Payne Whitney; 2d, Mrs. H. Darlington.
Bulbs in bloom, 100 sq. ft. 1st, Mrs.

Payne Whitney; 2d, Mrs. H. Darlington.
Bulbs in bloom, 50 sq. ft. 1st, Mrs. Payne Whitney; 2d, B. H. Borden.
Pan of Darwin tulips, 'Prof. Rowen-hall' 1st, Mrs. Payne Whitney; 2d, Percy Chubb, Glen Cove, N. Y., gard. Robert Jones.
Pan of Darwin tulips, 'Sir Trevor Lawrence' Percy Chubb.

Orchid Plants.

Group, 100 sq. ft. arranged for effect—Arthur N. Cooley, Pittsfield, Mass., gard. Oliver Linen.
Group, 25 sq. ft. 1st, Mrs. F. A. Constable; 2d, Col. H. H. Rogers.
Six plants Col. H. H. Rogers.
Three plants Col. H. H. Rogers.
Cattleya, Laelia or Laelia-Cattleya Hybrids 1st, Col. H. H. Rogers; 2d, F. E. Lewis.
Specimen 1st, Col. H. H. Rogers; 2d, B. H. Borden.

MISCELLANEOUS CUT FLOWERS.

Twenty-five spikes Antirrhinum—Percy Chubb, Glen Cove, N. Y.
Twelve spikes Nigronette—1st, Percy Chubb; 2d, Mrs. M. F. Plant, Groton, Ct., gard. E. Robinson.
Twelve spikes Stocks—1st, Percy Chubb; 2d, Col. H. H. Rogers.
Two hundred Violets—1st, Percy Chubb; 2d, Peter Hauck, East Orange, N. J.
Twelve spikes Wallflower—1st, Percy Chubb; 2d, Mrs. E. S. Meyer.

CUT ROSES.

Eighteen Hadley—Mrs. F. A. Constable.
Eighteen Radiance—Jas. A. MacDonald.
Eighteen Ophelia—Mrs. F. A. Constable.
Vase of 25 Roses—1st, Joseph E. Widener, Ogontz, Pa., gard. Wm. Kleinheinz; 2d, Mrs. P. Boettger, Riverdale, N. Y., gard. Hans Schroyer.

CARNATIONS.

Twenty-five white—Mrs. F. A. Constable, with Matchless; 2d, Mrs. M. F. Plant.
Twenty-five flesh pink 1st, B. H. Borden; 2d, Mrs. M. F. Plant.
Twenty-five light pink—1st, Mrs. F. A. Constable, with Good Cheer; 2d, Peter Hauck.
Twenty-five dark pink—1st, Percy Chubb; 2d, B. H. Borden.
Twenty-five red—1st, J. D. Crimmins Estate, Noroton, Ct., gard. A. P. Wezel; 2d, B. H. Borden.
Twenty-five crimson—1st, Mrs. E. S. Meyer; 2d, B. H. Borden.
Twenty-five white variegated—1st, Mrs. Chas. Bradley, Convent, N. J., gard. David Francis; 2d, Mrs. M. F. Plant.
Twenty-five yellow—Mrs. Payne Whitney.
Twenty-five any other color—1st, Mrs. M. F. Plant; 2d, Mrs. Payne Whitney.
Vase of carnations, 150 blooms—1st Percy Chubb; 2d, Mrs. Payne Whitney.

TABLE DECORATIONS.

Dinner table decoration of orchids staged Saturday, March 16—1st, Thos. Aitchison, Mamaroneck, N. Y.; 2d, Mrs. P. Boettger. Both beautiful examples of refined taste in arrangement.

Basket of flowers, for Max Schling medals—1st, Mrs. M. F. Plant; 2d, Mrs. H. Darlington.

Table Decorations staged Tuesday, March 19. There were seven entries in this competition. All were meritorious and the judges had a close call. They were as follows:

Thomas Aitchison, Mamaroneck, N. Y., a very graceful and delicate arrangement of Streptosolon Jamesoni and nasturtiums, 1st; R. J. Carey, Florham Farms, Madison, N. J., Ophelia roses and Adiantum Farleyense, 2d; Hans Schroyer, Riverdale, N. Y., nasturtiums only; George Ferguson, Manhasset, annual larkspurs, very simple and dainty; Sam. Goldring, gard. for Mrs. Ridley Watts, Morristown, N. J., pink roses; P. W. Popp, Mamaroneck, N. Y., Acacia pubescens and ranunculuses; David Francis, Convent Station, N. J., anemones.

SWEET PEAS.

Staged Wednesday, March 20th.
Display, 25 sq. ft.—1st, F. E. Lewis; 2d, W. R. Coe, Oyster Bay, N. Y.
Collection, six varieties—1st, F. E. Lewis; 2d, W. R. Coe.
One hundred sprays—1st, W. R. Coe; 2d, Peter Hauck.

DINNER TABLE DECORATIONS.

Staged Wednesday, March 20th.
Dinner table, sweet peas—1st, R. J. Carey, Madison, N. J.; 2d, Mrs. Chas. Bradley, Convent, N. J.; 3d, Thos. Aitchison, Mamaroneck, N. Y.

Commercial Growers' Section.

PLANTS IN FLOWER.

Collection of Hydrangeas, 150 sq. ft.—Fred H. Dressel, Weehawken, N. J.
Six Hydrangeas—Fred H. Dressel.
Six Marguerites—Madsen & Christensen, Wood Ridge, N. J.
Specimen Marguerite—1st, Madsen & Christensen, Wood Ridge, N. J.; 2d, Bobbink & Atkins, Rutherford, N. J.
Flowering and foliage, stove and greenhouse plants, 300 sq. ft., arranged for effect—A. N. Pierson, Inc., Cromwell, Ct.
Borden planting, Evergreens, Forced shrubs, Herbaceous plants, Bulbs or any other hardy stock, 10x40 ft. (1st prize, \$500, 2d prize \$300)—1st, F. R. Pierson, Tarrytown, N. Y.; 2d, Bobbink & Atkins.
Rock garden, 10x30 ft., Bobbink & Atkins.

PALMS AND FOLIAGE PLANTS.

Specimen Kentia Belmoreana—1st and 2d, M. Mutillod, Secaucus, N. J.
Kentia Forsteriana—1st, Julius Roehrs Co., Rutherford, N. J.; 2d, M. Mutillod.
Phoenix Roebelinii—1st and 2d, M. Mutillod.
Other specimen Palm—M. Mutillod.
Trained Ivies—Bobbink & Atkins.

FERNS.

Six Adiantum Farleyense or its types—A. N. Pierson, Inc.
Specimen Adiantum Farleyense—A. N. Pierson, Inc.
Specimen Adiantum cuneatum or its types—F. R. Pierson.
Specimen Nephrolepis exaltata Bostoniensis—F. R. Pierson.
Specimen Cibotium Schiedii—F. R. Pierson.
Specimen Nephrolepis, any other variety—F. R. Pierson.
Nephrolepis in variety—F. R. Pierson.
Specimen Fern—F. R. Pierson.

BULBOUS PLANTS.

Ten pans Lily of the Valley—Wm. H. Siebrecht, Astoria, L. I.
Bulb garden, 500 sq. ft. (Special open class)—John Scheepers & Co., New York City.

ORCHIDS.

Group, 200 sq. ft., arranged for effect—1st, Julius Roehrs Co.; 2d, Lager & Hurrell, Summit, N. J.
Cut Orchids, 50 sq. ft.—Joseph A. Manda, West Orange, N. J.

CUT ROSES.

One hundred American Beauty—1st, L. A. Noe, Madison, N. J.; 2d, F. R. Pierson Co., Tarrytown, N. Y.
One hundred Mrs. Charles Russell—1st, Duckham-Pierson Co., Madison, N. J.; 2d, F. R. Pierson Co.
One hundred Ophelia—1st, Duckham-Pierson Co.; 2d, A. N. Pierson, Inc., Cromwell, Ct.
One hundred Mrs. George Shawyer—A. N. Pierson, Inc.
One hundred Francis Scott Key—F. R. Pierson Co.
One hundred Pink Killarney—1st, F. R. Pierson Co.; 2d, A. N. Pierson, Inc.
One hundred White Killarney—1st, A. N. Pierson, Inc.; 2d, F. R. Pierson Co.
One hundred Hadley—Joseph Heacock Co., Wyncote, Pa.
One hundred Richmond—F. R. Pierson Co.
One hundred Sunburst—F. R. Pierson Co.
One hundred Hoosier Beauty—1st, F. R. Pierson Co.; 2d, Duckham-Pierson Co.
Fifty Mrs. Aaron Ward—1st, Duckham-Pierson Co.; 2d, A. N. Pierson, Inc.
Fifty any other pink—1st, L. B. Coddington, Murray Hill, N. J.; 2d, A. N. Pierson, Inc.
Fifty any other yellow—A. N. Pierson, Inc.
Fifty Lady Alice Stanley—1st, Albert Jackson, West Summit, N. J.; 2d, John Welsh Young, Philadelphia, Pa.
Twenty-five any undissemated variety—E. G. Hill Co., Richmond, Ind., silver medal for Columbia, exhibited by Chas. H. Totty.
Fifty red rose, not yet disseminated—A. N. Pierson, Inc.

CARNATIONS.

One hundred white—Chas. H. Totty, Madison, N. J., with Matchless.
One hundred flesh pink—1st, Gude Bros. Co., Washington, D. C., with Cottage Maid; 2d, Chas. H. Totty.

LIST OF TRADE BOOTHS

Chas. H. Totty, Madison, N. J., display of samples, booth beautifully decked with cut flowers.

Julius Roehrs Co., Rutherford, N. J., fine collection of plant samples.

Max Schling, Inc., New York, wedding bower of hyacinths and roses; also an extensive display of floral baskets, sprays, etc., in a glass front enclosure.

Isaac Hicks & Son, Westbury, N. Y., miniature garden estate.

Schloss Bros., Ribbons, New York, a brilliant display of ribbons and chiffons.

Bobbink & Atkins, Rutherford, N. J., large booth with their plant specialties.

Mathews Garden Craft, New York, an elaborate display of garden furniture.

Arthur Cowee, Berlin, N. Y., gladiolus bulbs.

Wm. F. Leary, New Rochelle, N. Y., sprays and spraying outfit.

Arthur Schloss & Co., New York, florists' ribbons and chiffons.

Bon Arbor Chemical Co., Paterson, N. J., fertilizer specialties.

S. P. Townsend & Co., Orange, N. J., lawn mowers.

Alphano Humus Co., New York, samples of their products.

C. W. Maredydd Harrison, New York, photographs of landscape design and rock work.

F. R. Pierson Co., Tarrytown, N. Y., ferns, roses and choice flower vases, etc.; one of the most extensive and elaborate booths in the show.

King Construction Co., North Tonawanda, N. Y., section of King greenhouse.

Hitchings & Co., New York, office and display of photographs.

Fulper Pottery Co., Flemington, N. J., large display of their pottery specialties.

Doubleday, Page & Co., Garden City, N. Y., books and magazines.

W. G. Kelly, New York, official photographer.

A. T. De La Mare Co., New York, books and magazines.

Shawnee Mower Co., lawn mowers.

Davey Tree Expert Co., Kent, Ohio,

exhibit and demonstration of their tree work.

Patterson, Sinclair & Miller, New York, seeds, fertilizers etc.

Hartmann-Sanders Co., New York, pergolas and garden furniture.

Hodgson portable houses, New York.

Coldwell Lawn Mower Co., Newburgh, N. Y., exhibit of Coldwell mowers, hand, horse and power.

Mountain Community, Inc., New York, art wares.

A. N. Pierson, Inc., Cromwell, Ct., a large and elaborately decorated booth arranged under a pergola, displaying their plant specialties.

R. J. Irwin, New York, samples of trade plants.

American Seed Tape Co., Newark, N. J., an interesting exhibit of the process of making their seed tape specialties.

Weeber & Don, New York, specialties in seeds and bulbs. Booth elaborately decorated with bulbous flowers.

J. C. Kraus Cast Stone Works, New York, a very large exhibit of stone art work.

Lager & Hurrell, Summit, N. J., orchid specialists.

A. T. Boddington, New York, seeds and sundries. Booth attractively decorated with floral arches.

Fritz Dressel, Weehawken, N. J., ferns and other plants.

Skinner Irrigation Co., Troy, O. and The Cloche Co., New York, exhibit of their specialties.

Benjamin Hammond, Beacon, N. Y., a full exhibit of his insecticide and other specialties.

Vaughan's Seeds, Chicago and New York, seeds and bulbs.

Consolidated Gas and Gasolene Engine Co., New York, power machinery.

Stringham, Bees, Glen Cove, N. Y., exhibit of honey, etc.

In addition to the trade booths there were several enclosures devoted to the War Saving Stamp campaign and work of the War Gardening. Also a booth showing the work of the Children's School Farm of the Department of Parks.

One hundred dark pink—1st, Chas. H. Totty, with Good Cheer; 2d, G. F. Neipp, Chatham, N. J.

One hundred red—1st, Chas. H. Totty, with Belle Washburn; 2d, M. Matheron, Hempstead, N. Y.

One hundred white variegated—1st, Chas. H. Totty, with sport from Miller; 2d, Scott Bros., Elmsford, N. Y.

One hundred yellow—Chas. H. Totty, with Yellow Prince.

Fifty any new variety not in commerce—1st, Gude Bros. Co., with flesh pink seedling; 2d, Sam J. Goddard, Framingham, Mass., with Laddie.

TABLE DECORATIONS.

Table Decoration, Competition limited to hotel men only, staged Friday, March 15th, and renewed daily, Hotel Chatham, New York, silver cup. Arranged by Alfred Bunyard.

SWEET PEAS.

Staged Wednesday, March 20th.

One hundred sprays bicolor—1st, S. Van Riper, Dundee Lake, N. J.; 2d, M. Matheron, Hempstead, N. Y.

100 white—1st, Clarence Sinn, New York; 2d, M. Matheron.

100 lavender—1st, S. Van Riper; 2d, M. Graff, Elmsford, N. Y.

100 pink—1st, John H. Thompson, Kennett Sq., Pa.; 2d, S. Van Riper.

Display, 100 sq. ft., arranged for effect—W. Atlee Burpee Co.

Special prizes not provided for in the schedule were awarded by the judges as follows:

Gold medals to W. B. Thompson, Yonkers, N. Y., gard. R. M. Johnston, for display of crotons; Arthur N. Cooley, Pittsfield, Mass., gard. Oliver Lines, for Cattleya olympus, Laella cattleya Mrs. Temple, Brasso-cattleya Cliftonii, Cattleya Gen. Maude and Brasso-Cattleya Lemani; Wm. H. Siebrecht, Chappaqua, N. Y., Acacia pubescens arranged as a bower by Kottmiller; Julius Roehrs Co., Rutherford, N. J., for group of 40 plants of Cyrtopodium Maudiae magnifica; George Gould, Lakewood, N. J., for model vegetable garden; John Scheepers, New York, for display of flowering bulbs; M. Mutillod, Secaucus, N. J., for pair of specimen Acubas.

There is a Great Scarcity of
GLOXINIAS

We have ready for *immediate shipment* a limited quantity of our celebrated *Exhibition Strain* in 68 various shades. Extra Large, Sound Tubers, \$1 each, \$10 per dozen.

JOHN SCHEEPERS, Inc.

Flower Bulb Specialists

2 Stone Street - - New York City

Silver medals to Mrs. Eugene Meyer, Mt. Kisco, N. Y., gard. Alex. Thomson, for Gerbera Jamesoni hybrids; Fred H. Dreschel, Westchester, N. J., for group of new fern. President Wilson, A. N. Pierson, Cromwell, Conn., for new fern Adiantum Clary of Lankesh; also for Double White Killarney roses; Mrs. M. G. Plant, Groton, Conn., gard. James Ventale, for basket of cactas; A. N. Cooley, Pittsfield, Mass., for Cattleya Snow Queen, Valentine Burgevin, Kingston, N. Y., for specimen pelargonium; Julius Roehrs Co., Rutherford, N. J., for new hybrid Cymbidiums Gottlanum, Pauwelslanum, Alexandria and Schlegelii.

Silver cup to M. Mutibol, Secaucus, N. J., for group of miscellaneous plants. Certificate of merit to Joseph A. Manda, South Orange, N. J., for Cattleya Schroderae Mrs. H. Luteher.

First prizes to Bobbink & Atkins, Rutherford, N. J., for standard pyramidal and columnar bay trees; Harold A. Ryan, Cambridge, Mass., for Strelitzia regina, and Miss Charlotte Trium, New York, for African Lily.

International Garden Club Sweepstakes Cup, awarded to John Scheepers for "most meritorious exhibit."

A VISIT TO WAVERLEY.

The members and friends of the Gardeners' and Florists' Club of Boston, to the number of sixty, enjoyed their customary annual visit to the W. W. Edgar Company greenhouses at Waverley, Mass., on March 16. The number participating was not as large as on some former occasions but there were a good many ladies in the party, so they made up in quality for the lack in numbers. All were well repaid for the trip for they were hospitably entertained at luncheon and they saw a most beautiful display of the Easter plants in the culture of which Mr. Bartsch has no superior. Especially handsome were the lilacs—stock which was received from the S. S. Nieuw Amsterdam on February 28th and was already in luxuriant bloom! Rhododendron Pink Pearl, Tausendschoen roses and the finest lot of hybrid roses in flower ever seen in this neighborhood were among the other attractions.

Brief remarks were made by President Rogers, Ex-President Methven and Secretary Craig of the Florists' Club, Robert Comeran and others.

Lincoln, Va. Among those who have suffered heavy damages as a result of the fuel shortage is F. B. Davis, who lost the contents of all his greenhouses. At a critical time he was unable to get fuel of any kind and the loss, aggregating \$3,000 or more resulted. He has now planted early vegetables in some of the houses.

BOSTON SPRING SHOW

We gave a pretty full account of this splendid exhibition in our issue of last week. The following notes, however, about the prize awards may be of interest to many of our readers. In the various plant classes for azaleas, cinerarias, genistas, cyclamens, hydrangeas, bulbous plants, foliage plants, roses, etc., the principal ribbon winners were Mrs. J. L. Gardner, Miss Cornelia Warren, H. T. Hayward, Wm. Whitman, Mrs. Frederick Ayer, E. A. Clark, Mrs. C. G. Weld, E. S. Webster and A. W. Preston. M. Van Waveren & Sons won the special gold medal for flowering bulbs. In the carnation classes W. D. Howard, John Barr, Mrs. Frederick Ayer, E. A. Clark, A. W. Preston and W. J. Clemson were high liners. Violets, Edward Bingham. A gold medal was given Thomas Roland for acacias. Silver medals to Mrs. Lester Leland for cyclamen; C. S. Sargent for clivias; S. J. Goddard, display of carnations; W. R. Coe, camellias; J. J. O'Brien, cut flowers; Julius Zinn, Caplan the Florist, Boston Cut Flower Company, Penn the Florist and H. R. Comley for displays of floral art. First-class certificate of merit to F. W. Fletcher, seedling freesias; C. S. Sar-

gent, seedling azalea, Milda Headlund.

Cultural Certificate—Mrs. Bayard Thayer, Mahernia odorata; James Warr, mignonette in pots; Lyman estate, Azalea Fielder's White; William Whitman, display of spring flowering plants; E. S. Webster, display of cyclamen; Mrs. Frederick Ayer, Erica melanthera.

The exhibition was a financial as well as a horticultural success, the amount to the credit of the Red Cross being something over nine thousand dollars. The Massachusetts Horticultural Society and the Red Cross Chapter have issued the following statement of thanks:

"The Massachusetts Horticultural Society and the Boston Metropolitan Chapter of the American Red Cross desire to express their sincere appreciation of the patriotic spirit in which the members of both organizations, and all others, have cooperated in every way to make the Red Cross Flower Show an artistic and financial success. The society and chapter are under particular obligations to the exhibitors, who, despite the severe winter and shortage of fuel, have made unusual efforts to excel their past displays."

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Our Orchid Group at the Exhibition captured the big prize of \$500 in addition to a gold and a silver medal. Read the report of the awards in this paper.

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AMERICAN ROSE SOCIETY

The Nineteenth Annual Meeting of the American Rose Society was held in Grand Central Palace, New York, March 15th, 1918, at 3 p. m.

The following officers were elected for the ensuing year: President, Benj. Hammond, Beacon, N. Y.; vice-president, W. J. Keimel, Elmhurst, Ill.; secretary, E. A. White, Ithaca, N. Y.; treasurer, Harry O. May, Summit, N. J.; executive committee for three years, Robert Simpson, Clifton, N. J., W. R. Pierson, Cromwell, Conn., John H. Dunlop, Richmond Hill, Ont.

The reports of the officers follows:

President Hammond's Report.

To the Members of the American Rose Society and Others:

The past twelve months has been a period of most uncommon conditions, that have upset the routine of affairs generally, and no one has felt this more than commercial flower growers. The American Rose Society has a membership which extends from ocean to ocean, and comes in touch with hundreds of homes and from the interest manifested by our amateur membership it is evident that the rose is a flower which, through all the trouble of the day, holds its own in the hearts of the people. It is a general service, this bringing together of communities large and small to a

flower show, because with all the demand upon time and purse for war duties and sacrifices that are now paramount, the appreciation and sentiment in favor of nice things is the difference between barbarism and Americanism.

The past year, to meet the increased cost of this Society, it was deemed advisable to make a change in the rates of membership dues, and thereby changing the original form from active and amateur members at two distinct rates to one common sum of two dollars instead of the three dollar and one dollar rate. This action was ratified at the fall meeting held in the city of Cleveland during the flower show last November, and has been received with general favor by the amateur and commercial membership. This membership represents not commercial growers alone, but the sentiment of people who help to create a demand for roses by their interest and example in beautifying their home yards.

The incentive which has greatly caused the increased amateur membership is the new Annual, a book of record and desertation pertaining to growth and culture of roses, national in scope and admirably illustrated, a copy of which goes to each member of the Society. Mr. J. Horace McFarland of Harrisburg, Pa., is the editor.

We have issued the book for two years past, and the edition covering the last year is about ready to be mailed, making three years of notable record.

At the last annual meeting the Executive Committee was formally increased in size, from six members to nine, so as to afford a fitting representation of amateur membership. This committee now is able to have representatives from United States and Canada, from ocean to ocean.

The test gardens which began in Elizabeth Park at Hartford, Conn., have become a most interesting adjunct to rose growing. These gardens under recognition of the American Rose Society are Hartford, Conn., Washington, D. C., Ithaca, N. Y., Minneapolis, Minn., and Portland, Ore. In each of these the effect of climate on rose bushes is carefully watched to determine the ability of varieties to stand the weather, and note the thrift or otherwise of the rose plants in the section in which the garden is situated. These rose gardens are proving of great public interest. Application has been made from Texas and from Bellingham and Tacoma, Wash., but the Society could not go too fast in authorizing new gardens, because of the necessity of securing a goodly number of plants for the test and these plants have been furnished by home growers, and contributions have also come from Ireland and Holland, free. An important piece of work has been done in setting forth the correct and plain naming of roses, so as to have and hold a definite plan and system of acknowledged correctness in nomenclature and advising the selection of

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names that a wayfaring man may understand. Furthermore much work has been done toward bringing to completion a list of all roses originated in the United States or Canada.

There is one thing that I would like to impress upon all firms who are commercial rose plant growers; that is, one and all of this class of men should become life members of the American Rose Society.

Regarding the registration of new roses, there have been some registered with the Society of American Florists, and as the American Rose Society has grown, more have come direct for official registration. At the Executive Committee meeting of the S. A. F. & O. H., held in January last, at St. Louis, a resolution was then passed directing that, hereafter, *all* new roses should be registered with the American Rose Society, in this wise securing a permanent record of authoritative value.

In rose cultivation the National Rose Society of England has been an inspiring example, particularly the last few years, to the American Rose Society, and has formally recognized with much courtesy, our Society, and such action tends to hasten the coming day of Peace on Earth and Good Will to Men.

We expect next June to have at Hartford an open air show in the Rose Garden at Elizabeth Park, of more than ordinary interest. The Park Department and others have planned in advance for this public exhibition to which we look forward with much pleasure.

The detail working of the Society will be more fully shown in the reports of our Secretary and Treasurer, and the American Rose Society with its large and growing membership stands for *Americanism*—which is Fidelity, Patience, Industry, and Fearlessness, first, last and all the time, and "A Rose For Every Home, A Bush For Every Garden."

Report of Secretary E. A. White.

As your secretary has been in office but nine months a report of the period must of necessity be brief. In the seventeenth report of the annual meeting of the Society two years ago, Secretary Hammond stated a paid-up membership of 194 active and 51 asso-



BENJ. HAMMOND

President American Rose Society.

ciate members. At the Cleveland meeting in November, 1917, the Society voted to so change the Constitution and By-Laws as to establish a uniform membership fee of two dollars a year, and since that date 1,114 paid memberships have been received with 895 memberships paid in 1917 yet to be heard from. The life memberships now number fifty-eight, two new members having been added since July 1, 1917, F. R. Pierson of Tarrytown, New

York and Mrs. Charles Frederick Hoffman, president of the International Garden Club, New York City.

The wonderful growth has been due in no small measure to the active interest in the work of the organization and especially from the amateur viewpoint, taken by the editor of the American Rose Annual, Mr. J. Horace McFarland, of Harrisburg, Pa. Through his love of roses, his wide acquaintance as president of the American Civic Association and his keen interest in the success of the American Rose Annual he has brought the rose indeed near to everyone's home and garden.

But in this period of the Society's success we must not forget that there have been years of adversity and a complete history of the American Rose Society would show that but for the self-sacrifice of a few men who had an insight into the value which the organization might become, the American Rose Society probably would not now be in existence. Among the early workers to whom much credit should be given, no name stands out more prominently than does that of our president, Benjamin Hammond. He served the Society faithfully for many years, gave both his time and money to support the organization and he is now entitled to all the honors the Society can bestow. To the earnest efforts also of Messrs. Pennock, Pierson, Farenwald and the other eight ex-presidents, the success of the society to-day may be directly attributed. The rose may well be taken as a symbol of health and longevity, as but two of the former presidents have died during the nineteen years of the Society's history.

The funds of the Society are now on a firm basis, but it must not be forgotten that the running expenses of the Society have increased many fold in the last two years. Financing the Annual is not as simple a matter as it was and with an increased cost

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Martinette	Primrose
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along all lines of publication and a decrease in advertising because of the war conditions, the increase in membership fees does not insure a wide margin of profit for the Society. Again, the postage on Annals, notices of membership dues and receipts for the same, amounts to no small item.

"Progress and Service" has been the watchword of the Society during the year past. We must look forward to greater service in the year to come. The Society must do more than furnish tickets for exhibitions, and the Rose Annual, if it is to satisfy its members, especially the amateurs. In 1917 arrangements were made with Cornell University to frank copies of Dr. A. C. Beal's Reading Course Bulletin on the Culture of Garden Roses, to all members, and plans are now

made with the Bureau of Plant Industry at Washington, D. C., to frank a similar bulletin written by Mr. F. L. Mulford. It ought to be possible for the Society to publish a "Manual of Rose Culture," which should go to every member. The Editor of the Rose Annual and Mr. C. E. E. Gersdorff of Washington, D. C., are preparing a catalogue of Roses in American Commerce which the Society should publish for the benefit of the members.

One or two events of progress stand out prominently during the year. Our English friends have been drawn into closer relationship with us by an exchange of honorary memberships. In December, 1917, the Hon. Courtney Page, Secretary of the National Rose Society of England, wrote offering honorary membership in the National Rose Society of England to the presi-

dent, secretary and treasurer of the American Rose Society and to the editor of the American Rose Annual, in exchange for honorary membership in the American Rose Society for the president, vice-president, secretary and treasurer of the National Rose Society of England. The Executive Committee felt justified in accepting the proposal and extended to our ally, the appreciation of the Society for the honors.

It is to be regretted that because of lack of funds due to the war conditions, the Rose Disease work had to be given up. Dr. L. M. Massey had but just begun to get results along the line of a valuable piece of work. It is hoped that as soon as the war is over the Bureau of Plant Industry at Washington, D. C. will find it possible to take up the investigation in co-

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operation with the American Rose Society. The scope of the work is too broad to be financed by private individuals and it should be a part of Governmental Research.

In the year before us two import-

pioneer in rose test garden work and the results of the added years of experience should bring much of value to every rosarian. There should be a large attendance.

An invitation has been accepted by the Executive Committee for the Society to hold its fall meeting with the Pittsburgh Florists' and Gardeners' Association in connection with their flower show. The Society has not been to Pittsburgh for a number of years and this should bring a large number of members together. Pittsburgh is noted for its hospitality.

The last year has been one of progress, but it is hoped that the coming year may witness even better things for the American Rose Society. The Society aims to be of service to its members in every way possible and one of the greatest aims at the present time should be to so strengthen and cheer our American people in the period of National stress, that we shall all be inspired to greater determination to win the war. Can anything make us more physically fit than working among our roses? Can anything be more inspiring than the beauty and freshness of a rose? We have been told by our Government to "work hard, pray hard, play hard. We have a victory to win." Victory will never come to a work-worn nation; success will not come to the physically worn-out man. There must be periods of recreation and let us keep ourselves physically fit among the natural pleasures and beauties God has intended for us.

Reports of progress in the various Rose Test Gardens were made by Mr. Robert Pyle for the Washington, D.

C. garden, and the Portland, Oregon garden. Dr. A. C. Beal for the Cornell garden at Ithaca, N. Y. and W. R. Pierson for the Hartford, Conn., garden. Detailed reports of the work of these gardens will be printed in The American Rose Annual, which is



E. A. WHITE
Secretary American Rose Society.

ant meetings are scheduled. The first will be in Hartford, Conn., during the last of June, at a date yet to be definitely decided upon. This event should be an important one in the history of the Society, for Hartford was a



HARRY O. MAY
Treasurer American Rose Society.

soon to be issued. Mr. J. Horace McFarland of Harrisburg, made a strong plea for co-ordination in the Annual report of the test gardens, and the opinion was expressed that the chairman of each garden should constitute the personnel of the Central Rose Test Garden Committee. It was moved and

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carried that the President nominate members of the various Rose Test Garden Committees and that this list be submitted to the Executive Committee for adoption.

Dr. A. C. Beal, Chairman of the Committee appointed to draw up rules and regulations for the exhibition of

garden roses read a detailed report which was referred to the Executive Committee with power.

Mr. Robert Pyle for the Committee on regulations reported favorably on the registration of the following:

Mrs. Edward T. Stotesbury, requested by Edward Towill, Roslyn, Pa. Vic-

tory and Freedom by Reinhold Undritz, West New Brighton, N. Y.

A committee consisting of F. L. Atkins, Rutherford, N. J., Robert Chase, Chase, Ala., and John Dayton, Painesville, Ohio, was appointed to increase the interest in the work of the American Rose Society and to solicit memberships among nursery men.

Treasurer May's Annual Report.

For Year Ending March 14th, 1918.

RECEIPTS

Cash on Hand.....	\$1,854.70
From Secretary and other sources.....	6,314.52
Interest on Mortgage certificates....	150.00
" " Permanent Fund	18.89
" " General Account	29.52
	\$8,367.63

DISBURSEMENTS.

Rose Annual and printing.....	\$2,366.33
General expenses	4,217.45
Deposit Permanent Fund.....	50.00
To Balance	1,733.85
	\$8,367.63

Permanent Fund.

Westchester & Bronx Title & Mortgage Guaranty Co.	
Three Mortgage certificates.....	\$3,000.00
Summit Trust Company.	
Permanent Fund	300.00
Hubbard Medal Fund	250.00

We are very sorry to learn of the infirmity which has come upon our venerable friend, Rev. C. S. Harrison. Mr. Harrison has just returned to his home in York, Neb., from California, where he spent the winter, suffering from spinal neuralgia and almost blind with a cataract. There is some hope of having the cataract removed.

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THE NEW YORK FEDERATION OF HORTICULTURAL SOCIETIES AND FLORAL CLUBS.

A meeting of the Federation was held in John Young's office, New York, Monday, March 18th, with President F. R. Pierson, presiding. A report of progress regarding the Horticultural Building at the State Fair Grounds in Syracuse was heard. The race track and grand stand have been moved and a splendid site for the building is now available. The State Fair Commissioners have expressed themselves as of the opinion that the building will be the next erected and plans for its construction are now being formulated in the State Architect's office.

The fuel situation was discussed and it was the opinion that any active campaign for the florists' winter supply should be postponed until the fall meeting in Syracuse. A fuel committee consisting of F. R. Pierson, of Tarrytown, W. J. Palmer of Buffalo, and Robert Simpson of Clifton, N. J., was appointed to keep in touch with the fuel commissioner and if necessary to lend its aid in getting a supply of fuel for any florist in difficulty. A committee on affiliation of the Federation with the New York Federation of Agriculture was appointed. This committee consisted of Dr. Erl Bates of Syracuse, F. A. Danker of Albany, and C. H. Vick, of Rochester. The following resolution was unanimously adopted:

WHEREAS, the splendid success of the International Flower Show has demonstrated conclusively that the American people in these times of stress seek relaxation and comfort in the cheering message expressed by the bright blooms, and

WHEREAS, the Floricultural interests of our people are important economic factors in the life of our people, therefore be it

RESOLVED, that we, the New York



F. R. PIERSON

President New York Federation of Horticultural Societies and Floral Clubs.

Federation of Horticultural Societies and Floral Clubs, while we shall give our energy as patriotic Americans to increasing the conserving food supplies, nevertheless believe there should be an even larger cultivation of flowers and we pledge our united efforts towards this end.

E. A. WHITE, Secy.

NEW YORK FLORISTS' CLUB BANQUET.

The 31st annual dinner of the New York Florists' Club was held at the Hotel McAlpin on Saturday evening, March 16th. About 180 ladies and gentlemen were present and the affair was in every respect a brilliant social and most enjoyable success. There were many visitors present who had been in attendance at the International Flower Show at the Grand Central Palace. President Charles Schenck presided and when the time for speeches had arrived made a very hopeful and congratulatory address. He especially applauded the fact that the club had not cut out their annual entertainment which had always been so enjoyable, but had decided to keep going on as usual and that principle he believed should govern all the work of the members as well as the official acts of the club. Upon the conclusion of his speech the entire audience stood and sung the "Star Spangled Banner." A toast was then given to President Wilson and the orchestra played "Over There" in which the guests joined. Charles H. Totty, president of the Society of American Florists, was the next speaker. He spoke of the splendid public support of the flower show in progress at the Grand Central Palace and was enthusiastic as to the bearing of this public attitude towards the so-called non-industry of plants and flowers on the New York Florists' Club and the big things which it presaged in the work of the Society of American Florists. Major O'Keefe of Boston spoke briefly, and was followed by W. F. Gude of Washington, who was accorded a most enthusiastic greeting.

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Henry Penn's Easter Message

Never did anything in my entire career that gave me so much pleasure as accepting the job of Chairman of our Publicity Campaign. The letters that I receive daily from the long-headed florists who are tying up to the National Campaign, and the results they are getting by so doing, has been a source of great satisfaction, not only to me, but to the entire committee. Keep it up boys. We have the greatest committee. Keep it up boys. We have the greatest product on earth to sell. Just tell them to

"SAY IT WITH FLOWERS."



He spoke of the great value of flowers in hospital work and said that it had been recognized that they are fully as useful as medicine. He believed that the prosperity of the so-called luxury industries was a necessity to the full dinner pail and the economic precedence of America in the markets of the world. His talk was most patriotic and full of inspiration. Henry Penn of Boston being called upon congratulated the club on its courage in not passing up the banquet and told how in his work in the capacity of chairman of the publicity committee of the florists' trade he looks to New York for his best inspiration. Herman P. Knoble of Cleveland spoke for his home city in a most keen and delightful vein. Fred Lautenschlager brought greetings from Chicago and made hopeful reference to the progress being made in publicity work. Then came the presentation of a sterling silver tea service to retiring president G. E. M. Stumpp, the presentation speech being made by Joseph Manda in a humorous and appreciative vein. Following this the floor was cleared for dancing and the young people kept things going lively until long past the midnight hour. W. F. Sheridan, Philip F. Kessler and P. J. Smith were the members of the dinner committee who arranged this most excellent entertainment.

The St. Louis Florist Club met at H. G. Berning's store on Thursday, March 14th. Ex-President Pilcher took the chair, President Bourdet being absent on a hunting trip. A discussion took place on fertilizers. The next meeting in April will take place at Shaw's Botanical Garden.

NATIONAL ASSOCIATION OF GARDENERS.

The first of a series of conferences to be held under the auspices of the National Association of Gardeners, took place at the Murray Hill Hotel, New York City, on Friday afternoon, March 15. The well attended meeting of gardeners was presided over by Vice-President P. W. Popp of the national association who introduced President Robert Weeks, of Cleveland, Ohio, as the first speaker. President Weeks spoke of the aims of the National Association of Gardeners and the benefits of co-operation and greater unity among the men composing the gardening profession.

Charles H. Totty, of Madison, N. J., president of the Society of American Florists and Ornamental Horticulturists, was next introduced. He urged closer co-operation between the professional gardeners and the commercial interests in the crisis horticulture is facing due to the war, saying that the interests of both branches referred to are as one in the situation that is confronting them.

W. F. Gude, of Washington, D. C., was the next speaker. He referred to Mr. Totty's remarks and called attention to some of the legislative acts which have recently been introduced in Congress and which he said if passed would result in disaster to many horticultural interests. He also spoke of the coal situation as it affected the florists and promised his aid when the gardeners appeared in Washington to present their cause on the fuel question, which the directors of the National Association of Garden-

ers had decided to do at their meeting held earlier in the day. Mr. Gude urged that it was up to the gardeners to aid the florists in convincing the Administration that flowers were not non-essentials in war time.

W. A. Manda, of South Orange, N. J., was to address the meeting on "The Future of American Horticulture" but was prevented from attending owing to a sudden illness which overtook him. John Shore, of Harrison, N. Y., probably the oldest gardener in active service today in the United States, followed with a paper on "The Opportunities of the Gardener." Martin L. Davey, of Kent, Ohio, spoke on the advantages of unity, and co-operation between the gardeners interest and also spoke on the war and its effects on business. He urged that those not actually engaged in it as in the manufacture of essentials for it should conduct their business affairs as in normal times so that when our soldiers return they will find that the country has not gone backwards, but that it has progressed even in the days of its conflict.

Norman Taylor, of Brooklyn, N. Y., editor of the Journal of the International Garden Club, spoke of the purposes of the Journal he represented and invited the gardeners to contribute practical articles to it. Arthur Smith, of Glen Cove, N. Y., read a paper on "The Benefits of Co-operation."

After the speakers' program, it was found that too little time had been left for a general discussion which was to be an important part of the meeting, and which must be provided for at future conferences. Ernest Westlake, of Glen Head, N. Y., chair-

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man of the local co-operation committee of the Nassau County, N. Y., Horticultural Society, spoke of the resolution adopted by his society several years ago and which was likewise adopted by other local societies throughout the country on accepting members from one local society into another on presentation of proper credentials and asked that the National Association of Gardeners again direct attention to this resolution that gardeners moving from one district to another may take advantage of it. The association agreed to send out another notice to local societies on the matter.

The conference endorsed the action taken by the directors earlier in the day, on a communication received from a local society with copy of a legislative bill introduced in the state of New Jersey against the payment of commissions, gratuities, etc., etc., to refer the communication to the next annual convention to take action thereon.

At the meeting of the trustees and board of directors held in the forenoon, the secretary was instructed to take such action as was necessary to

learn from the Fuel Administrator at Washington what his attitude would be towards the private greenhouse next winter and to endeavor to have the Fuel Administrator permit private houses to secure coal reserve during the summer months. The directors endorsed the plans of the service bureau of the association to bring it to the attention of country estate owners to secure their co-operation in more firmly establishing it. The directors decided on St. Louis as the next meeting place of the executive board, to be held in August. St. Louis members of the association also asked that a conference be held in that city at the same time.

A letter was read from Secretary Young, of the Society of American Florists and Ornamental Horticulturists advising that President Robert Weeks had been appointed a director of that society. The directors voted to invest \$1,000 of its treasury funds in the next call for Liberty Bonds.

The next conference will be held in Boston the latter part of April, the exact date to be announced later.

M. C. EBEL, Secy.

CHICAGO FLORISTS' CLUB.

The Chicago Florists' Club met at the usual place, March 7th, with a large number in attendance. Morris S. Smith, 231 W. Madison street, and Victor Bergman, 617 Cornelia avenue, were elected to membership. The report of the publicity committee was read by the chairman, Fred Lautenschlager, and showed that the committee had received to date for stamps, posters, etc., for use in advertising the florists special days, particularly St. Valentine's Day, \$1,413.29, with disbursements of \$596.09, leaving a balance of \$817.20, some of which is still to be collected. There were several exhibits, including the new pink snapdragon St. Louis, grown by W. A. Rowe Floral Co., of St. Louis, for which certificate of merit was recommended. A display of novelty vases suitable for St. Patrick's Day, by A. L. Randall Co., received a vote of thanks. Columbia sweet peas, white and pink, by George Ball, Glen Ellyn, Ill., and warranted 100 per cent. true, was recommended for a certificate of merit. Poehlmann Bros. Co. showed some American-made

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green dye which T. Waters has experimented with until it is as nearly perfect as can well be. It was highly recommended by the judges.

After the business was over the members enjoyed a game of cards.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

At the monthly meeting of this Club held at Horticultural Hall, Boston, on Tuesday evening, March 19, the subject of the evening was "Increased Food Production." Wilfrid Wheeler, secretary of the State Board of Agriculture, talked on the necessity of greatly increasing food supplies the coming season, and W. N. Craig spoke on the important vegetable crops which should be grown in increased quantities during the present year. On account of the national importance of this subject and the great interest being taken in it, the general public were invited and quite a few people were present outside of the regular club members. Mr. Wheeler spoke for the market growing and farmer interests and, as such, did not regard the home-gardening campaign with any degree of enthusiasm. Mr. Craig took the other side, vigorously advocating the encouragement of home-gardening and community plots and giving valuable directions for the proper culture and care of the many varieties of vegetables that should be grown. Turning to the ornamental garden subject he said, "Flowers are just as necessary to the soul as vegetables are to the body, and we should not heed the advice of those who tell us to root up

our roses and flower beds to plant vegetables. Flowers have an important mission in the plant world and should not be neglected."

Fred E. Palmer of Brookline spoke on "Potato Culture." An interesting display of greenhouse forced vegetables was shown and cultural awards were given to the growers.

At the April meeting E. W. Breed of Clinton will lecture on "Horticultural Problems of Today."

NASSAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of the above society was held in Glen Cove, N. Y., March 13th. It was decided to hold the Dahlia and Chrysanthemum Show in the fall, as usual. The Treasurer was ordered to purchase a service flag to commemorate the members in

the service. Awards were made as follows: 1st to Robt. Jones for tulips Prof. Rowenhoff, 1st to Joe Mastroianni for lettuce. An essay entitled "The Gardener's Interest, Duty and Value in Public Park Service," written by Theodore Wirth, Minn., was read by Ernest Westlake. A letter of thanks was sent the author. A letter of sympathy was ordered sent to the family on the recent death of one of our honorary members, Mrs. Doubleday. Competition for our next monthly meeting, April 10th, will be on 50 single violets, 12 mixed antirrhinums and a vase of out-door flowering shrubs.

HARRY GOODBAND, Cor. Secy.

RHODE ISLAND HORTICULTURAL SOCIETY.

The regular meeting of the Society will be postponed from March 20th to March 25th. The meeting will be held in the Classical High School, in co-operation with the State Board of Agriculture and the Extension Service of the R. I. State College. W. N. Craig, Faulkner Farm, Brookline, Mass., will speak on "The Planning and Planting of the Home Vegetable Garden." This is one of a series of lectures on gardening to be held in different parts of the State during the next few weeks. Lecture at 7.45 p. m. E. K. THOMAS, Secy.

Marion, Ind.—Paul Moore has purchased the greenhouses of Henry C. Pease.

MEETINGS NEXT WEEK.

Monday, March 25.

Florists' and Gardeners' Club of Rhode Island, Swartz Hall, Providence, R. I.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

Tuesday, March 26.

Newport Horticultural Society, Newport, R. I.

Tarrytown Horticultural Society, Tarrytown, N. Y.

Wednesday, March 27.

Oyster Bay Horticultural Society, Oyster Bay, N. Y.

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Obituary

Joseph Heacock

A highly respected and widely known Philadelphia florist passed away suddenly on the 18th of March and the news will cause a thrill of sadness through the horticultural world, for Joseph Heacock was loved and esteemed by countless personal friends all over the country. Mr. Heacock was 73 years of age, having been born in 1845, and came of distinguished Quaker lineage, his ancestors coming from England to Pennsylvania in 1711. He was educated at the Abington Friends School, Abington, Pa., and the Friends Central High School, Philadelphia, Pa., and married Elizabeth Walker of Treddyfrin, Chester County, Pa. His wife and three children, Esther, Priscilla and James, survive. He took a lively interest in public affairs, local, state and national and from 1910 to 1914 represented his community as State Senator. He was an ex-president of the Florists' Club of Philadelphia and took an active part in the S. A. F. and kindred trade bodies. In horticulture he first achieved distinction as a palm and rose grower at Wyncote, near Philadelphia, where he built an extensive range of glass on his home estate. Later he built another big establishment further out at Roeloffs, Pa., devoted more exclusively to rose growing. The quality of his products has always been of a high order and constituted a leading feature of the Philadelphia and other markets. Personally Mr. Heacock was a man of the most sterling character and of a very genial and lovable disposition. He had all the inherited Quaker dislike for fighting but for all that he could put up a good fight in any controversy where right and principle were involved. A real man was Joseph Heacock. The writer speaks from 30 years of close personal acquaintance and feels that to have known so fine a personality was a privilege and an experience to be proud of and thankful for.

GEORGE C. WATSON.

One of the saddest things I've heard for a long time was the telephone message I received yesterday saying my dear friend Joseph Heacock had passed away.

In him, not only the trade but each one individually loses one of the best friends they ever had, a man always to be admired and looked up to, with a business integrity of the very highest caliber. Personally I consider it an honor to have been numbered as one of his friends, one I could always go to for help and receive it with the greatest of willingness, no matter how busy he was. A genial, likeable disposition that you knew was sincere. A calamity to the community, his passing away, very very regrettable.

SAMUEL S. PINNOCK.

I feel that by the death of Joseph Heacock the florist trade, Pennsylvania Horticultural Society and many kindred organizations, have lost one of their most efficient and best work-

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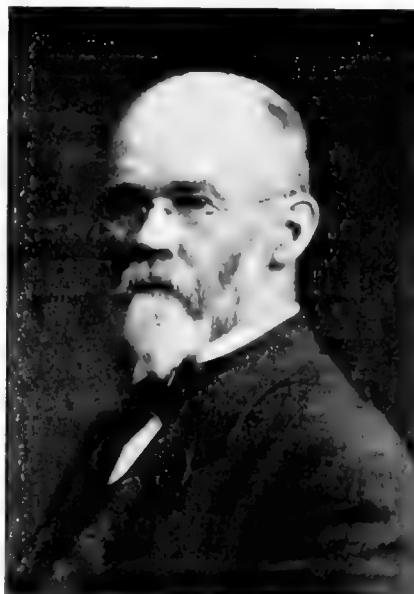
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ers. We who knew him well always found him steadfast and true; willing to do his full share of work at all times for the best interests of horticulture and the elevation of our business. We shall miss him.

JOHN WESTCOTT.

A. Robeson Sargent.

A. Robeson Sargent, a landscape architect associated with Guy Lowell,



JOSEPH HEACOCK

died suddenly at French Lick, Ind., where he went a week ago to recuperate after an attack of pneumonia. Mr. Sargent was stricken about a month ago, but recovered sufficiently to make the trip to Indiana. It is believed that his heart was weakened by over-exertion. He was the son of Professor Charles Sprague Sargent of The Arnold Arboretum and lived at Holm Lea, the Sargent estate in Brookline and Jamaica Plain. He was a well-known Harvard athlete, playing on the football team and being active in other branches of athletics. He was graduated from Harvard in 1900. He married Maria de Acosta of New York and has one son, Ignatius Sargent, three years old. He is survived by his

wife, his father and two sisters, Miss Alice Sargent and Mrs. Guy Lowell. He was associated with Guy Lowell in the practice of his profession.

"Chris" Donovan

"Chris" Donovan, one of the best known figures in the wholesale florist business in Boston, died suddenly on March 15 while engaged in filling an order in the basement of his place of business, 256 Devonshire street.

Mr. Donovan was 40 years old, and a long-time resident of Maverick street, East Boston, and is survived by a widow, five brothers and a sister. He had been in the wholesale flower business for more than 20 years. The medical examiner declared death due to heart failure.

Harry Sharp.

Harry Sharp, a florist, of 926 Broadway, Camden, N. J., was found dead in bed, Sunday morning, March 17, by his sister. He was 55 years old and had been ailing with an affection of the heart. He had been long in the florist business in Camden.

GREENHOUSES BUILDING OR CONTEMPLATED.

South Charlestown, O.—James M. Light, one house.

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Wichita, Kan.—Menger Greenhouse Co., six Moninger houses each 35x300.

NEW CORPORATION.

Morgan Hill, Cal.—Leonard Coates Nursery Co.; capital stock, \$75,000. Incorporators, Leonard and M. C. Coates, Warren Lane, E. P. Heal and E. H. Stearns.

The weekly market review for the period March 12th to 19th shows an improvement in the potato market, prices recovering sharply from the record low prices of the early part of the week. The cabbage market was lower and the onion situation fairly steady. Beans were slightly lower and showing a weaker trend, being less dominated by recent government purchases. The lettuce market was stronger but southern vegetables generally tending lower.

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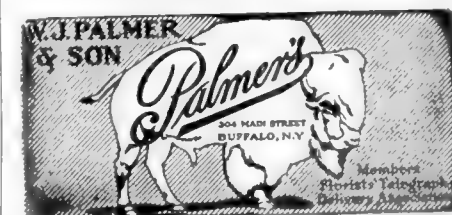
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Member Florists' Telegraph Delivery.
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KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

Ready for Delivery During April

A large Quantity of
**Beauty and Shawyer
ROSE PLANTS**

*If interested let us quote
you prices*

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

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FIRST**

Before Looking Elsewhere

**Tell Them You Did So And
They'll Reciprocate**

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1619 - 21 Ranstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

*Wholesale Cut Flowers
Plants, Greens, etc.*

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E. G. HILL CO.

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RICHMOND, IND.**

Please mention Horticulture when writing.

**MICHIGAN CUT FLOWER
EXCHANGE, Inc.****WHOLESALE COMMISSION FLORISTS**

Consignments Solicited

Hardy Fancy Fern Our Specialty

264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

*We are Wholesale Florists Doing
a Strictly Wholesale Business*

30 East Randolph Street, CHICAGO

**MARTIN REUKAUF**

Everything the Best in Florists' Supplies

433 Callowhill Street, Philadelphia

**IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.**

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON March 21		ST. LOUIS March 18		PHILA. March 18	
Roses						
Am. Beauty, Special	35.00	to 50.00	40.00	to 50.00	50.00	to 68.50
" " Fancy and Extra	15.00	to 25.00	15.00	to 20.00	25.00	to 40.00
" " No. 1 and culls	4.00	to 8.00	3.00	to 6.00	6.00	to 20.00
Russell, Euler, Mock	4.00	to 12.00	5.00	to 15.00	5.00	to 25.00
Hadley	4.00	to 15.00	5.00	to 10.00	4.00	to 15.00
Arenberg, Hoosier Beauty	4.00	to 8.00	2.00	to 4.00	4.00	to 12.00
Ward	4.00	to 8.00	2.00	to 5.00	4.00	to 8.00
Killarney, Radiance, Taft	4.00	to 8.00	2.00	to 4.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon	4.00	to 15.00	3.00	to 10.00	4.00	to 12.00
Carnations	2.00	to 3.00	1.00	to 2.00	2.00	to 4.00
Cattleyas	25.00	to 50.00	to 50.00	35.00	to 60.00	
Dendrobium formosum	to 50.00	to 50.00	to 50.00	50.00	to 60.00	
Lilies, Longiflorum	10.00	to 12.00	10.00	to 15.00	10.00	to 12.00
Lilies, Speciosum	6.00	to 8.00	to 10.00	3.00	to 6.00	
Callas	12.00	to 15.00	to 10.00	12.00	to 15.00	
Lily of the Valley	5.00	to 8.00	to 6.00	4.00	to 8.00	
Snaptagon	6.00	to 10.00	to 4.00	2.00	to 12.00	
Violets	.35	to .75	to .30	.25	to .50	
Freesia	1.00	to 2.00	1.00	to 2.00	2.00	to 4.00
Narcis, Paper White	1.00	to 2.00	to 3.00	2.00	to 3.00	
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00	2.00	to 3.00
Daffodils	1.00	to 3.00	2.00	to 3.00	.50	to 4.00
Tulips	2.00	to 4.00	3.00	to 5.00	2.00	to 5.00
Calendula	1.00	to 2.00	1.00	to 2.00	1.00	to 3.00
Mignonette	3.00	to 4.00	to 1.00	1.00	to 4.00	
Sweet Peas	.50	to 1.00	.20	to .75	.40	to 2.00
Marguerites	1.00	to 2.00	1.00	to 2.00	.50	to 1.50
Gardenias	15.00	to 25.00	to 10.00	5.00	to 20.00	
Adiantum	1.00	to 1.25	to 1.00	1.00	to 1.00	
Smilax	20.00	to 25.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	25.00	to 50.00	25.00	to 35.00	25.00	to 50.00

WILLIAM F. KASTING Co.
Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

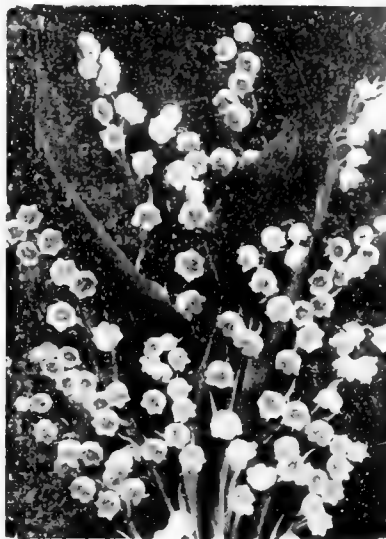
Flower Market Reports

BOSTON For more than a week, in fact ever since the coming of bright, balmy spring days, there has been a good steady business in this market. While there is no great pressure, stock moves off nicely each day and prices have held about even on most things. There is a serious shortage of Easter lilies and the prospect is that many buyers will be unable to get any, others will be disappointed in the quality and all will have to pay the highest prices that have been paid in recent years. Roses and carnations are of excellent quality, with values showing a tendency to stiffen up. They will advance materially towards Easter. Callas will unquestionably have a reserved seat in the Easter performance and prices will soar accordingly. There is an abundance of all bulbous material, also sweet peas and violets, although the latter are likely to dwindle in both quantity and quality should the present sunny weather continue a few days longer. Altogether the situation looks favorable for the grower who has anything good coming on for Easter consumption. And, we might add—he needs it.

The wholesalers who **CHICAGO** have a good shipping trade are finding the market in a very satisfactory condition this week. Fine stock is coming in and the demand is brisk enough to use it all to advantage. Roses are more nearly equal to demand than at any previous time this season and from now on are expected to be in sufficient supply to fill all orders. Carnations are still too plentiful, especially in the lower grades, and very low prices are made to the buyer of large quantities. Bulb stock apparently has no limit and there is quite a wide range in quality. Sweet peas are being hurried on by the warm weather which just now is almost of summer temperature. Cattleyas are still in large supply. There is little lily of the valley in the market and no special call for it.

Easter business **CINCINNATI** promises to be good. Judging from present reports the supply will be large while even at this date many orders for stock are being placed by the retailers. Last week's business turned out better than had been anticipated owing to a heavy demand occasioned by openings and St. Patrick's day. Roses, carnations, lilies, callas are in a fair supply also bulbous stock of all kinds. The cut of sweet peas is large and sells fairly well.

The market took an **NEW YORK** unexpected and very welcome turn upwards on Monday and Tuesday of this week, Tuesday particularly showing a most inspiring activity in buying and all the wholesalers enjoyed a clean-up such as they have not experienced in many a day. Everything seemed to find favor with the buyers but the strongest demand was on roses, freesias, callas and violets. The poor quality and scarcity of lilies has sent



VALLEY

For Easter some very choice Valley, which we can supply in quantity at

\$6 and \$8 per 100

EVERYTHING IN PLANTS, CUT FLOWERS, GREENS, RIBBONS AND SUPPLIES.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI March 18	CHICAGO March 11	BUFFALO March 18	PITTSBURG March 18
Roses				
Am. Beauty, Special.....	50.00 to 60.00	40.00 to 50.00	40.00 to 50.00	40.00 to 50.00
“ “ Fancy and Extra.....	35.00 to 40.00	30.00 to 40.00	25.00 to 35.00	20.00 to 30.00
“ “ No. 1 and culls.....	10.00 to 25.00	15.00 to 25.00	3.00 to 10.00	4.00 to 12.00
Russell, Euler, Mock.....	8.00 to 15.00	5.00 to 25.00	4.00 to 12.00	6.00 to 15.00
Hadley.....	8.00 to 15.00	..... to	5.00 to 12.00	..... to
Arenberg, Hoosier Beauty.....	6.00 to 12.00	4.00 to 12.00	5.00 to 12.00	..... to
Ward.....	4.00 to 10.00	4.00 to 12.00	3.00 to 6.00	4.00 to 10.00
Killarney, Radiance, Taft.....	4.00 to 10.00	4.00 to 10.00	3.00 to 8.00	4.00 to 12.00
Ophelia, Sunburst, Hillingdon.....	5.00 to 15.00	4.00 to 12.00	4.00 to 10.00	4.00 to 12.00
Carnations	4.00 to 6.00	1.00 to 3.00	2.00 to 3.00	3.00 to 4.00
Cattleyas	60.00 to 75.00	35.00 to 50.00	40.00 to 50.00	60.00 to 75.00
Dendrobium formosum.....	..... to .....	..... to .....	..... to .....	..... to 40.00
Lilies, Longiflorum.....	..... to 15.00	8.00 to 12.00	8.00 to 12.00	10.00 to 12.00
Lilies, Speciosum.....	..... to .....	..... to	3.00 to 6.00	2.00 to 6.00
Callas.....	..... to 15.00	6.00 to 12.00	..... to .....	..... to
Lily of the Valley.....	..... to 6.00	4.00 to 6.00	6.00 to 8.00	..... to
Snaydragon	4.00 to 10.00	7.00 to 10.00	4.00 to 8.00	..... to 6.00
Violets	1.00 to 1.50	.75 to .75	.50 to .75	.50 to .75
Freesia	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 4.00
Narcis, Paper White	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	..... to
Roman Hyacinths	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	..... to
Daffodils	2.00 to 4.00	1.00 to 3.00	2.00 to 3.00	2.00 to 4.00
Tulips	3.00 to 4.00	2.00 to 3.00	2.00 to 3.00	2.00 to 4.00
Calendula	2.00 to 4.00	2.00 to 3.00	2.00 to 3.00	..... to 2.00
Mignonette	4.00 to 6.00	3.00 to 6.00	2.00 to 5.00	..... to 4.00
Sweet Peas	1.00 to 2.00	.50 to 1.50	.50 to 2.00	.50 to 1.50
Marguerites.....	..... to 1.00	..... to	1.00 to 1.50	2.00 to 3.00
Gardenias.....	..... to	12.00 to 20.00	20.00 to 25.00	..... to
Adiantum.....	..... to 1.00	..... to 1.00	1.00 to 1.25	1.00 to 1.25
Smilax	15.00 to 20.00	15.00 to 20.00	15.00 to 20.00	15.00 to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00 to 50.00	25.00 to 50.00	35.00 to 50.00	40.00 to 75.00

the Easter quotations on that specialty upwards and the callas are following in sympathy. Callas will be “a good thing” this Easter. Daffodils are very plentiful and prices are low but there was a good unloading of these also, probably under the incitement of warm, springlike weather. Prices on carnations doubled up in short order and buyers acted as though heart-failure was imminent but the dealers were obdurate and prospects are for

good prices from now on until after Easter.

Business conditions **PITTSBURGH** continue most satisfactory, each day's retail trade readily absorbing practically all available products. Tulips are, however, not very good and are hanging fire a little. Otherwise, all other stock is well up in quality and the results quite all that one could

(Continued on page 304)

H. BAYERSDORFER & CO.

Manufacturers and Importers

1129 Arch St. PHILADELPHIA, PA.

Spring Novelties Now On Display

New Show Rooms Added

THE LEADING FLORISTS' SUPPLY HOUSE OF AMERICA

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Wholesale Commission Florist
Choice Cut Flowers

New Address, 141 West 28th St., NEW YORK
Telephones: 3206, 3291, Madison Square.

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107 W. 28th Street, NEW YORK

Telephone: 505 Farragut

Call and inspect the Best Establishment
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WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments Solicited
Phone Farragut 4386

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Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building

Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT
WHOLESALE FLORIST

109 WEST 28th ST
CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 (FARRAGUT 131 West 28th St., NEW YORK CITY
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ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

ORCHIDS - - GARDENIAS

HEADQUARTERS for the entire output of the

BEECHWOOD HEIGHTS NURSERIES, of Bound Brook, N. J.

PAUL MECONI—Wholesale Florist—NEW YORK

Telephone Nos. 3804 and 8304 Madison Square

57 WEST 26th STREET

HENRY M. ROBINSON CO. OF NEW YORK
WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 12-8510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

	ROSES AND CARNATIONS		Last Part of Week ending Mar. 16 1918		First Part of Week beginning Mar. 18 1918	
American Beauty, Special	25.00	to 35.00	30.00	to 40.00		
" " Fancy and Extra	10.00	to 20.00	10.00	to 25.00		
" " No. 1 and culls.	3.00	to 6.00	4.00	to 6.00		
Russell, Euler, Mock	3.00	to 20.00	4.00	to 20.00		
Hadley	3.00	to 40.00	4.00	to 40.00		
Arenberg, Hoosier Beauty	3.00	to 10.00	4.00	to 10.00		
Ward	3.00	to 8.00	4.00	to 8.00		
Killarney, Radiance, Taft	3.00	to 8.00	4.00	to 10.00		
Ophelia, Sunburst, Hillingdon	3.00	to 12.00	4.00	to 15.00		
Key	3.00	to 12.00	4.00	to 15.00		
Carnations	2.00	to 4.00	2.00	to 5.00		

GROWERS' CUT FLOWER COMPANY
WHOLESALE FLORISTS

129 West 28th Street

Tel 6237 Farragut
3583

E. J. VAN REYPER, Mgr.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

JOSEPH S. FENRICH

WHOLESALE FLORIST

LILIES EVERY DAY

51 W. 28th Street, New York

Telephones, 420-421-422 Mad. Sq.

HERMAN WEISS

WHOLESALE FLORIST

Can handle shipments of growers' product
satisfactorily. Would like to hear from
Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

130 West 28th Street, Tel. Farragut 984

NEW YORK.

Flower Market Reports

(Continued from page 301)

expect. Seedsmen hereabouts are too much occupied with their spring trade to report anything but "work, work, work," which probably sizes up the situation more pertinently than a detailed account.

Trade conditions have been pretty good. Funeral and wedding work have kept things lively. There is an abundant supply of all bulbous stock, with tulips and hyacinths leading. Roses are excellent and the supply is sufficient. Carnations are plentiful with whites in demand. Violets, sweet peas, callas and snapdragon are all good and plentiful and sell well.

Spring weather and flowers plentiful. Violets are over and sweet peas are now in fashion for corsages. Carnations and roses are abundant and clean-up sales are made at low prices. The outlook for Easter promises plenty of everything.

MASSACHUSETTS AGRICULTURAL COLLEGE.

The annual flower show of the Department of Floriculture held last week was said to be one of the best ever held here. "The quality of the workmanship of the students was not amateur but professional," said one Boston florist. The greater portion of the work was done by the students. Numerous corsages of excellent workmanship, some flower baskets, and wedding bouquets were exhibited. While dinner table decorations were not featured as much as in former years, there were several good tables. The wedding room was the center of the greatest interest. A canopy was constructed of smilax and carnations. Wax figures were used to represent a military wedding. The background was banked with genistas and the walls hung with southern smilax. The bride carried a shower bouquet of orchids and valley. At one end of the room was a table with wedding stationery, at the other end a table with bridesmaids' bouquets and flower girls' baskets. At the front of the room was a bride's dinner table and a bride's luncheon table. Spring bulbs formed the basis of the show. These were used in borders around the halls and rooms. At each end of the building was a garden pergola decorated with southern smilax and banked in front with red tulips and pteris. Garden benches in the hall added to the garden effect.

NEWS NOTES.

Providence, R. I.—Fire apparatus was called to the greenhouses of John Marshall on High Service avenue in Centredale, March 9, where a small blaze was in progress. The fire was easily extinguished and the damage will not exceed \$100. The cause of the fire is unknown.

Glen Cove, N. Y.—Henry Gaut, one-

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Mar. 16 1918	First Part of Week beginning Mar. 18 1918
Cattleyas.....	15.00 to 40.00	15.00 to 50.00
Dendrobium formosum.....	..... to 50.00	..... to 50.00
Lilies, Longiflorum.....	4.00 to 8.00	6.00 to 10.00
Lilies, Speciosum.....	3.00 to 8.00	3.00 to 8.00
Callas.....	10.00 to 12.00	10.00 to 10.00
Lily of the Valley.....	2.00 to 5.00	2.00 to 5.00
Snapdragon.....	2.00 to 10.00	2.00 to 10.00
Iris.....	8.00 to 12.00	8.00 to 12.00
Violets.....	.30 to .40	.50 to .75
Freessias.....	1.00 to 2.00	1.00 to 2.00
Narcis, Paper White.....	.75 to 1.50	.75 to 1.50
Roman Hyacinths.....	1.00 to 2.00	1.00 to 2.00
Daffodils.....	1.00 to 3.00	1.00 to 3.00
Tulips.....	1.00 to 3.00	1.00 to 4.00
Calendula.....	1.00 to 3.00	1.00 to 3.00
Mignonette.....	2.00 to 4.00	2.00 to 4.00
Sweet Peas.....	.50 to 1.50	.50 to 1.50
Marguerites.....	1.00 to 3.00	1.00 to 3.00
Gardenias.....	8.00 to 30.00	8.00 to 30.00
Adiantum.....	.50 to 1.00	.50 to 1.00
Smilax.....	12.00 to 6.00	12.00 to 16.00
Asparagus Plumosus, & Spreng (100 bunches).....	25.00 to 50.00	25.00 to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5891.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

N. Y. FLORISTS' SUPPLY COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street

Telephone No. 755 NEW YORK
Farragut

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122 West 25th St., New York

Florists' Supplies

We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties,
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

time president of the Nassau County Horticultural Society, and who for many years has been superintendent of the estate of Herbert Lee Pratt, has enlisted in the Engineer Corps and has reported for duty at Fort Slocum. He has secured a leave of absence from Mr. Pratt, who, it is understood, was very glad to have Mr. Gaut enter the service. Mr. Pratt himself is to serve abroad in Army canteen work.

Syracuse, N. Y.—Seated at a table 15 feet long and beautifully decorated, the florists of Syracuse gathered at Uhrig's restaurant in Manlius street, Monday evening, March 11, for their annual dinner. The centerpiece was a triumph of the decorator's art and represented a sunken garden. The ladies wore corsage bouquets of violets and orchids as favors. The decorations were done by Werner Bultmann, who was in general charge of the arrangements.

LOCAL AND GENERAL NEWS

BOSTON

May 1st, 1918, will be observed throughout the United States as Thrift Stamp Day. On that day retail stores everywhere in every line of business will ask customers to take part of their change in Thrift Stamps! It will be patriotic for every man, woman and child to accept at least one Thrift Stamp as change on every purchase made that day and to make as many purchases as possible on May 1st.

Under the authority of the Committee on Agriculture of the House of Representatives and of the State Commissioner of Education, a referendum of the school children of the Commonwealth has been ordered to determine their choice of a flower which, it is understood, the Legislature will afterward duly designate as the emblem of Massachusetts.

The special meeting of the members of the Massachusetts Horticultural Society held at Horticultural Hall, Boston, on Wednesday, March 20th, "to consider the matter of exhibitions, prizes and appropriations for the year 1918," drew an attendance of nearly one hundred members. After a lengthy discussion in which mutual concessions were made in the matter in controversy it was voted by a large majority to uphold the trustees in their action eliminating cash prizes in the exhibitions for 1918.

PHILADELPHIA.

One of the leading department stores had a free distribution of shamrock plants, which attracted a record crowd. A banjo orchestra played popular Irish and American patriotic music during the hours of distribution.

Corporal Douglas Earl, son of Howard M. Earl of Burpee's, arrived in Philadelphia on March 14th on a week's furlough from the training camp at Augusta, Georgia. He looks fine and says he has gained twenty pounds in the last six months.

Quite a number of the members of the trade went from Philadelphia to attend the New York show. An important event of this kind demands wide recognition and notwithstanding adverse conditions we are glad to report a very good response, all things considered.

Charles Sim, our well-known landscape contractor, writes from Havana, Cuba, under date of March 12th, that he has enjoyed a very pleasant holiday month or two in the Isle of Pines and is now on his way home via Key West and Jacksonville to Philadelphia which he hopes to reach by March 25th.

The sweet little Shamrock of Ireland was just as much in evidence this year as ever and everybody had to have a pot of it to do honor to the immortal memory of St. Patrick. We all felt like echoing the poetic license and hailing it as

The plant that bears no fever
With the rose, carnation
And the trusty crocus
Defy the strength of frost to sever
Firm be the trappings of their form,
Despite all change of weather;
Sunshine, darkness, hail or storm
Still may they fondly grow together."

CHICAGO.

The green dye had a larger sale than ever and plenty of the colored flowers were noticed.

The Frank Floral Co., whose greenhouses and store are at 11616 S. Halsted street, has now opened a new store at 556 W. 129th street.

Fred Lautenschlager left for New York, Mar. 12th, where he will discuss the merits of the Kroeschell Bollers in various parts of the east, as is his annual custom.

The spring opening of Marshall Field's store called for the use of thousands of decorative plants. While few cut flowers were used the plants can easily come up to the four figure mark.

A check was put upon the sales of the green hats and some other St. Patrick's Day notions by the admonitions of the priests, that the people refrain from purchasing anything that tended to ridicule the Irish people.

The little shamrock plants enjoyed an enormous sale this year. The demand each year steadily increases. More of the 2-inch pots are used and stock carries over in the stores much better than in the thumb size.

At Pochlmann Bros. it is stated that the amount of green dye sold this year is greater than that of any previous year. Some very attractive and original flower accessories were seen here, to be used in the celebration of St. Patrick's Day and sales were followed by repeat orders.

A large number of the trade attended the funeral of Arthur Luedtke of Maywood, whose death occurred at Houston, Texas, where he was in training. This is the first of the boys in the trade here to give up his life for his country. The funeral was March 12th. A ten-foot heart with the American flag in the center was given by the Maywood florists.

The use of live plants in the State street store windows is encouraging this year when every good influence is needed to keep the public alive to the benefits of flower and plants. In the twelve large windows of Marshall Field's there are seen, in beautiful setting, large azaleas covered with bloom and relieved with primroses, making a strong appeal to lovers of the beautiful in nature. They were for decoration only and not for sale.

The seedsmen are receiving the benefit again of the free advertising given their business by the newspapers in their appeals to plant gardens. John Degnan, of Winterson's Seed Store, says this year, however, he notices this difference, that ornamentals are a part of the orders in much larger proportion than they were last year. The retail seedsmen notice also that they are selling seeds in larger quantities than formerly, no doubt owing to the general knowledge that seeds are scarce.

St. Patrick's Day saw the shamrock

The 1st of May Thrift Stamp Day In The U. S. A.

The Active Co-operation of
Every Reader of

HORTICULTURE

Is Urgently Requested To
Make It A Success

May 1st, 1918, will be observed throughout the United States as Thrift Stamp Day. On that day retail stores everywhere in every line of business will ask customers to take part of their change in Thrift Stamps! It will be patriotic for every man, woman and child to accept at least one Thrift Stamp as change on every purchase made that day and to make as many purchases as possible on May 1st.

Here is a big practical way of getting millions of Thrift Stamps into the hands of the people of the United States, and of insuring the success of the Government's War Savings Stamps campaign. Thrift Stamp Day will help everyone. It will prove a tremendous boost to business. On May 1st, 1918, the nation should do the biggest total retail business of any single day in our history! The beneficial habit of Thrift will be sown broadcast among the citizens of the U. S. A.! Most important of all, Uncle Sam will be furnished with the savings of War and Victory!

American business must go "over the top" at once in a quick drive to make Thrift Stamp Day an overwhelming success. You wholesalers, you jobbers, you salesmen, must talk Thrift Stamp Day among your trade, arouse the enthusiasm of the retailers, the storekeepers, the clerks behind the counters. Uncle Sam needs your help. A practical plan has been prepared showing how each one of you can "do your bit" to make Thrift Stamp Day a red letter day in American business annals. Write for this plan today without fail. Remember, in helping Uncle Sam you are helping business and helping yourselves. Address Mr. W. Ward Smith, National War Savings Committee, 51 Chambers St., New York City.

NATIONAL WAR SAVINGS COMMITTEE
51 Chambers Street, New York City

and the colored carnation as great favorites as ever. It is probable that 100,000 or more of the shamrock plants were grown in and about Chicago this year, the 1¾ inch pots being most in favor in the market. The wholesale price here was \$3.00 per 100 or \$25.00 per 1,000. One large department store ordered 38,000 of the shamrock plants in 1 in. pots and sold them at cost using this means of drawing trade to other lines. The flower stores sold more than ever before on account of the ease in handling the plants in the special shipping boxes. While there were many shamrock plants left unsold with some of the growers, the sales as a whole were the largest in the history of the little Irish plant.

Cincinnati—P. J. Olinger is making arrangements to move to a storeroom directly across the street from his present location.

J. A. Peterson of J. A. Peterson & Sons, went to Pittsburgh on a business trip the early part of this week.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE
 For Catalogues and Discounts address
AUGUST RÖLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

PITTSBURGH.

Howard Blind, son of Mr. and Mrs. Edward H. Blind, the latter manager of the Blind Floral Company, is seriously ill with pneumonia.

Donald Fowler, for a long time associated with Scobie & Parker, seedsmen, staff has gone to Camp Hancock, Atlanta, Ga., as a motor mechanic.

Robert G. Orr is an addition to the floor staff of the Pittsburgh Cut Flower Co. William A. Clarke has returned from a several weeks' sojourn at the Battle Creek, (Mich.), Sanitarium, much improved in health.

Nearly five hundred lovers of birds attended the joint dinner of the Sewickley Valley and Western Pennsylvania Audubon societies at the Fort Pitt Hotel on last Friday evening. President Charles B. Horton of the Western Pennsylvania Audubon Society, presided.

As the outcome of a recent advertising campaign of the Western Pennsylvania retail florists, the organization of the Pittsburgh Retail Florists' Association was effected on Tuesday of last week at a luncheon at the Seventh Avenue Hotel, where similar entertainment-meetings will be held until permanent headquarters are decided upon. Ira Harper, with the A. W. Smith Co., was elected president, and Orville Crissman, manager of the Arcadia Flower Shop, secretary of the new organization.

The A. W. Smith Company has just begun operations on an elaborate scale for the improvement of two big estates under the direction of John B. Strayer, who succeeded Ralph F. Pinner upon the latter's departure for Camp Hancock. Sergeant Pinner writes that he is about to sail for France in the ambulance service. Two other former attaches of the Smith landscape department, Howard E. Andrews with the signal corps and E. Clarke Styles with an engineering regiment, have already arrived "somewhere" on the other side of the water.

FOR SALE

FOR SALE.—Property consisting of greenhouse and residence located on Ashland Street, Roslindale, near Calvary Cemetery. A fine opportunity for investment. Address L. Pfennig, 380 Ashland St., Roslindale, Mass.

GREENHOUSES FOR SALE.

Two 15 x 90 ft.; one 15 x 75 ft.; one 17 x 64 ft.; stocked with violets and one small propagating house. Three acres choice land. House of 8 rooms and bath. Electric lights, city water, hot water heat for all. Price \$5,500, worth \$8,000. Located at Westboro, 12 miles from Worcester, Mass., on electric line. Apply to ARTHUR GEORGE, Florist, Westboro, Mass.

ROCHESTER, N. Y.

H. P. Neun has a pretty window decoration of baskets of wallflowers and pussywillows.

Salter Bros. are having a lot of birch bark boxes made for Easter trade in various sizes and designs.

A meeting of the Rochester Florists' Association was held March 11th. Charles M. Vick spoke on the seed shortage for the coming season. There is hardly a variety of seed of which we are not very short. Cabbage seed is very scarce and the germinating quality of much of the corn is very doubtful. Rye, oats, barley, corn and peas are all under the ban as far as exporting is concerned. The failure of the bean crop is also a very serious problem. The flower seed question is a difficult one, and it is up to every amateur and professional to save as much seed as possible from his garden for another year. Nasturtiums

Cambridge

New York



WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.
 Cambridge, Mass.

and many other popular flowers will be greatly missed otherwise. Mr. Vick spoke also on the Flower Show, which will be held in September at Exposition Park. Among those who have donated silver cups are Mayor Edgerton, William Bausch and George B. Hart.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
 Bulbs of all descriptions. Write for prices.
 NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

GOOD RETURNS WITHOUT THE COST OF COAL.

WITHIN THE REACH OF EVERY GROWER.

PLANT EARLY CHRYSANTHEMUMS. Such as will mature before the last of October. We are booking orders for delivery now or later as desired. Complete list of the best early, both Pompons and large flowering supplied upon request. If our 1918 Trade List has not reached you, ask for it.

ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
 Stock For Sale.

JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO. Hartford City, Ind.

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. **FRANKLIN BARRETT, Breeder, 4915 D St., Olney, Philadelphia, Pa.** Large breeding pairs for sale. Send for price list.

GLADIOLI.

SEND FOR MY SPECIAL TRADE LIST OF GLADIOLI. ALL THE LEADING VARIETIES IN DIFFERENT SIZES.

CENTRAL GLADIOLUS GARDENS.
JELLE ROOS, MILTON, MASS.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PAPER POTS

Paper Pots and Dirt Bands. Send for Samples and Prices. **F. W. ROCHELLE & SONS, Box 65, Chester, N. J.**

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. **C. BETSCHER, Canal Dover, O.**

ROSES

ROSES, CANNAS AND SHRUBS.
THE CONARD & JONES COMPANY, WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. **LAGEB & HURRELL, Summit, N. J.**

STRAWBERRIES

Strawberry Plants. Money making varieties. Catalogue Free. **BASIL PERRY, Georgetown, Delaware.**

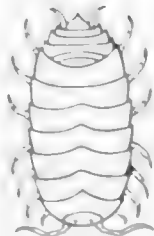
VINES

Flowering and Foliage Vines, choice collection. Large Specimen Pot and Tub grown for immediate effect; also Climbing Roses. **J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.**

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

SOW BUGS versus SLUG SHOT



After reading the article headed "An Army of Sow Bugs," in the *Reader* for May 10, it occurred to me that the growers whose plants have been attacked by sow bugs might be interested in the remedy I used successfully in exterminating these pests some time ago. I had a good crop of Sow Bugs in my Carnation house and asked Mr. Benjamin Hammond, of Beacon, N. Y., for a good exterminator. Mr. Hammond recommended one of his preparations—SLUG SHOT—and told me to dust it between the plants, under the benches and along the walks. I did so and the results were gratifying. The bugs were cleaned out in short order, and I certainly recommend SLUG SHOT to every Florist who finds these bugs in his houses. ALEXANDER A. LAUB, Florist, New Hamburg, N. Y., May, 1917.



HAMMOND'S SLUG SHOT was first tested against SOW BUGS at Nyack, N. Y., in 1885, and it holds good

HAMMOND'S PAINT AND SLUG SHOT WORKS

Beacon, N. Y., U. S. A.

SOLD BY SEED DEALERS OF AMERICA



Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard insecticide will prevent ravages on your crops by insects.

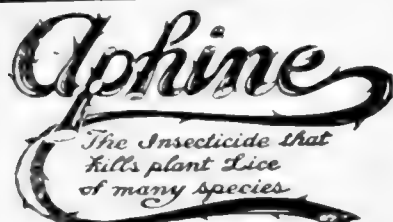
Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

½ Pint, 30c.; Pint, 50c.; Quart, 90c.; ½ Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide. A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For ear worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

Aphine Manufacturing Co.
MADISON, N. J.

NEW YORK.

W. A. Manda has been ill with acute indigestion for a week but is now rapidly convalescing.

R. M. Ward & Co. will remove on April 1st from 71 to 25 Murray street where they will have four large floors for their business needs.

Mr. and Mrs. James Dean of Freeport were surprised by members of their family and intimate friends who gathered to help them celebrate their golden wedding anniversary on February 16.

BUSINESS TROUBLES.

Justice of the Peace Anthony Grippio of Kenilworth, N. J., has granted a judgment of \$24 and costs to Charles Frost, the pansy grower, in an action against Henry H. and John J. Beck of Roselle Park. The action was brought by Frost to recover on a book account.

Justice Brown of the Superior Court at Providence, on March 12, appointed Herbert W. Rathbun of Westerly temporary receiver of the goods and effects of S. J. Reuter & Son, Incorporated, a florist concern in Westerly, R. I. The action was taken upon the petition of Mrs. S. Joseph Reuter, Mrs. Barbara Lueck and Miss Mary Reuter, holders of a majority of the stock of the company, which was alleged to be insolvent. The receiver was ordered to give bond in the sum of \$5,000. The Reuter company is one of the largest greenhouse concerns in the state. It was stated at the hearing that the liabilities were about \$40,000, with about \$30,000 secured claims. The assets under present conditions are not figured to be worth this amount. Hearing on the appointment of a permanent receiver will come up at the Superior Court House, South Kingston, on April 15.

St. Louis—A new plant, seed and flower store will open in a few days at 409 N. 7th St.

Arthur Wors, son of C. W. Wors, is now with his regiment in the Canadian army at the front.

USE WIZARD BRAND

CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
Pulverized

Sheep Manure

The Florists' standard of uniform high quality for over ten years. Specify: **WIZARD BRAND** in your Supply House order, or write us direct for prices and freight rates. **THE PULVERIZED MANURE CO.**
14 Union Stock Yard Chicago



Free!

A 50-gallon barrel of Scalecide free to any one who will suggest a fairer guarantee than that given below.

"SCALECIDE"

As proof of our confidence and to strengthen yours, we will make the following proposition to any fruit grower of average honesty and veracity:

Divide your orchard in half, no matter how large or small. Spray one-half with "SCALECIDE", and the other with Lime Sulfur for three years, everything else being equal. If at the end of that time, three or more trees per acre are lost in the part sprayed with "SCALECIDE" as not in every way better than that sprayed with Lime Sulfur, we will return you the money you paid us for the "SCALECIDE".

Send for a free booklet, "Profits in Fall Spraying".

B. G. Pratt Co., Mfg. Chemists
50 Church St. Dept. 12 New York



NIKOTEEN

For Spraying
APHIS PUNK
For Fumigating

Ask Your Dealer For It.

NICOTINE MFG. CO.
ST. LOUIS



Use N. A. C. Products for more profitable results. Send for prices on our complete list of Fertilizers and Insecticides.

HORTICULTURAL DEPT.,
Harry A. Bunyard, Mgr.

NITRATE AGENCIES CO.
106 Pearl St., New York

When writing to advertisers kindly mention **HORTICULTURE**.

JOHN C. MONINGER CO.

EVERYTHING FOR THE GREENHOUSE

922 Blackhawk St., - - - Chicago, Ill.

CAN SHIP ANY SIZE AT ONCE

Telephone or Telegraph Order

at Our Expense

KROESCHELL BROS. CO.,

466 W. Erie Street,
CHICAGO, ILL.



MASTICA

For Greenhouse
Glazing

USE IT NOW

F. O. PIERCE CO

12 W. BROADWAY
NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

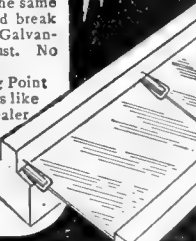
Dreer's Peerless Glazing Points

For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid.
Samples free.
HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No. 2



GLASS

AND
HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

PARSHELSKY BROS. Inc.

215-217 Havemeyer St., Brooklyn, N. Y.

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Difficult and rejected cases specially solicited. No misleading inducements made to secure business. Over 30 years' active practice. Experienced, personal, conscientious service. Write for terms. Address,

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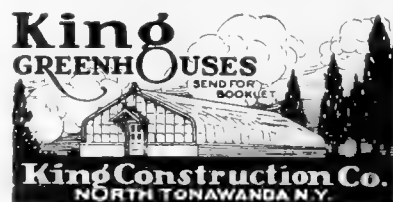
GREENHOUSES—ALL KINDS



We go anywhere in the U. S. to submit plans and prices

Metropolitan Material Co.

1297-1325 Flushing Ave., Brooklyn, N. Y.



NEW YORK, 1476 Broadway.
BOSTON, 113 State Street.
SCRANTON, 307 Irving Avenue.
PHILADELPHIA, Harrison Bldg., 15th and
Market Streets.



DREER'S

FLORIST SPECIALTIES
New Brand New Style
"RIVERTON" HOSE

Furnished in lengths up to 100 ft. without seam or joint.

The HOSE for the FLORIST

3/4-inch, per ft., 17 c.
Reel of 500 ft., " 16 1/4 c.
2 Reels, 1000 ft., " 16 c.
1/2-inch, " 15 c.
Reels, 500 ft., " 14 1/2 c.

Couplings furnished

HENRY A. DREER
714-716 Chestnut St.,
PHILADELPHIA, PA.

Little Ads. That Bring Big Returns

Little Ads. in our Classified Buyers' Directory bring big returns to both advertiser. Anything wanted by florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium.

Don't fail to read over these Ads. in each issue and you may find one or more that will prove profitable to you.

THE HORTICULTURAL CATALOG

A MONTHLY MAGAZINE FOR
WESTERN NURSERYMEN
FLORISTS, SEEDSMEN

Contains alphabetical listings of
available surplus stock, etc.

\$1.00 per year. Foreign \$1.50

THE HORTICULTURAL CATALOG
LOS ANGELES, CALIFORNIA

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address,
JOHN G. ESLER, Sec., Saddle River, N. J.

GET OUR CATALOGUE
On Ventilating Apparatus and Greenhouse Fittings
ADVANCE CO., RICHMOND, IND.

In Writing to Advertisers kindly mention Horticulture

New Canna—Burpee's "Fiery Cross"



OF the hundreds of new varieties of Sweet Peas that it has been our pleasure to introduce, none have become so popular as BURPEE'S "FIERY CROSS." This Sweet Pea bore the distinction of being the highest priced Sweet Pea that the world has ever known. We paid the introducer \$1.40 a seed for every seed that was in existence at that time. "FIERY CROSS" has been the ultimate in the Sweet Pea world, and this has led us to name Burpee's New Canna "FIERY CROSS."

"FIERY CROSS" in the Canna world stands for just as much as "FIERY CROSS" in the Sweet Pea world. "FIERY CROSS" Canna is in a class by itself. The Famous "Firebird" Canna, which was an extremely high-priced novelty, is one of the parent flowers, and in the fields of the originator "FIERY CROSS" was known as "Firebird" Seedling No. 10.

Never before has there been a Canna of equal merit offered to the flower-lovers of this country. We feel sure that "FIERY CROSS" will fill a place in the Canna beds that has never yet been attained by any red Canna. It grows to a height of four to four and one-half feet; flower stems grow from a foot to eighteen inches taller, making the total height approximately five to six feet. The flower-heads are fifteen to eighteen inches in length, and carry from fifteen to twenty open flowers of a vivid scarlet shading to crimson. So firm are the glistening petals they do not wilt in the brightest sun. The foliage is a beautiful lustrous blue-green. It is entirely free from blight and disease. Flowers continuously from the latter part of June until frost.

We deem it a rare privilege to introduce such a wonderful New Canna. As an individual plant or in beds this peerless flower will take first rank. Stock is necessarily limited.

ORDER EARLY.

DIVISIONS \$2.00 EACH; \$20.00 A DOZEN.

W. Atlee Burpee Co.

SEED GROWERS

PHILADELPHIA

Vol. XXVII
No. 13
MARCH 30
1918

HORTICULTURE



Boston Spring Show

The "Liberty Garden" by R. & J. Farquhar & Co

Published Every Saturday at 147 Summer Street, Boston, Mass.
Subscription \$1.00

HENDERSON'S

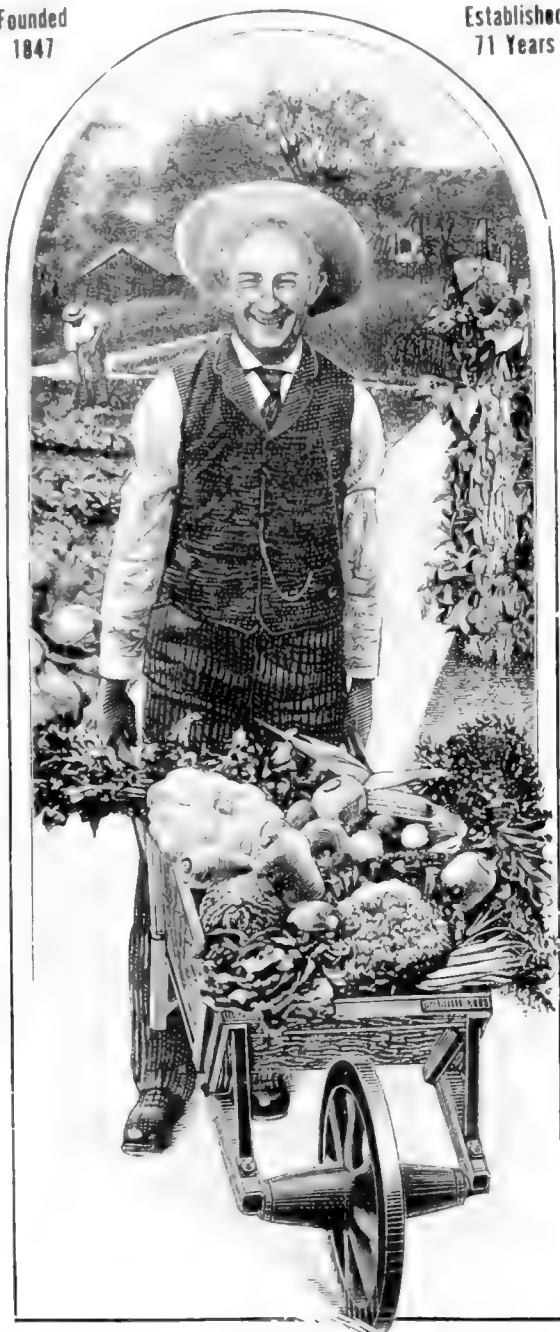
"Everything for the Garden"

LAWN AND FARM

And the Best of Everything

Founded
1847

Established
71 Years



We specialize in high-class Vegetable Seeds, and at this time these are *essential to Florists*.

MARKET GARDENERS' AND FLORISTS' CATALOGUE

Free on application to those who grow for sale.

PETER HENDERSON & CO.

35 and 37 Cortlandt Street, New York

LILY BULBS

FALL SHIPMENT

Giganteum, Formosum, Rubrum, Multiflorum, Magnificum, Auratum, Album, Melpomene, Etc.

Shipments distributed from New York, Chicago, Philadelphia, Denver, London (Ont).

Write for IMPORT prices, stating quantity, variety and size.

McHUTCHISON & CO., The Import House
55 CHAMBERS ST., NEW YORK

ROSES

ALL THE POPULAR VARIETIES
Own Roots or Grafted

CARNATIONS

Rooted Cuttings of all the best commercial varieties. Healthy stock.

MISCELLANEOUS PLANTS

Ready for Immediate Sales

	Size	Pot	100
ASPARAGUS Sprengeri.....	2 1/4-in.		\$3.00
ASPARAGUS Sprengeri.....	3-in.		6.00
SMILAX	2 1/4-in.		3.00

SEND FOR CATALOGUE

WOOD BROTHERS, Fishkill, N.Y.

A. N. Pierson, Inc.

CROMWELL, CONN.

Bedding Plants and Roses

NURSERY STOCK

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens and Roses.

Write for Trade List.

W. & T. SMITH COMPANY, Geneva, N. Y.

We are subscribers to the Nurserymen's Fund for Market Development.

BOBBINK & ATKINS

NURSERYMEN, FLORISTS, PLANTERS

RUTHERFORD, NEW JERSEY

We are subscribers to the Nurserymen's Fund for Market Development, also "Say It With Flowers" Publicity Campaign.

CHARLES H. TOTTY

CHRYSANTHEMUMS

MADISON, N. J.

FERNS from 2 1-4 inch Pots

BOSTONS—\$5 per 100, \$40 per 1000.

WHITMANII IMPROVED—\$5 per 100, \$40 per 1000.

WHITMANII COMPACTA—\$5 per 100, \$40 per 1000.

300SEVELTS—\$5 per 100, \$40 per 1000.

EDDY, JR.—\$5 per 100, \$45 per 1000.

250 at thousand rates.

V. H. BARROWS & SON, Whitman, Mass.

A Gladiolus Everyone Ought to Grow

MRS. F. PENDLETON

\$8.00 per 100, \$75.00 per 1000

JOHN LEWIS CHILDS, Inc.

Flowerfield, L. I., N. Y.

GERANIUMS

We are still well stocked on most of our varieties. Have thousands of popular standard sorts. Alpha, Ricard, Beaute Poitevine, S. A. Nutt, Jean Viaud, General Grant, Abbie Schaffer, Edmond Blanc, Alliance, Mad. Buchner, Bertha de Pressilly, etc. 2-in., \$2.50 per 100; \$22.50 per 1,000; 5,000 for \$100.00. 3-in., \$3.50 per 100; \$30.00 per 1,000; 10,000 for \$275.00. 4-in., \$8.00 per 100; assorted colors in bud and bloom.

BEGONIAS Gracilis Rose, Erfordi and Vernon. 3-in., \$3.00 per 100, extra good stock.

CUPHEA, COLEUS, LEMON VERBENAS, SWAINSONA, PARLOR IVY, POMPON CHRYSANTHEMUMS, ENGLISH IVY, VINCA VARIEGATA. 2-in., \$2.00 per 100. 3-in., \$3.00 per 100.

FERNS POT GROWN Boston and Scottii. 5-in., \$25.00 per 100. 6-in., \$35.00 per 100.

KENTIA BELMOREANA 4-in., \$5.00 per doz.; \$40.00 per 100. 5-in., 75c. each; \$9.00 per doz. 6-in., \$1.00 each; \$12.00 per doz.

DAHLIA ROOTS Whole Field Clumps. \$5.00 per doz., up to \$1.00 each.

SEND FOR CATALOGUE

SEND FOR DAHLIA LIST

CASH WITH ORDERS

R. VINCENT, Jr., & SONS CO., WHITE MARSH, MD.

ORCHIDS

We grow and sell nothing but ORCHIDS. If you are in the market for this class of plants we respectfully solicit your inquiries and orders. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Horseshoe Brand Bamboo Canes

For staking lilies and other flowers. Ready for immediate shipment from our warehouse, Bound Brook, N. J.

5/6 feet, Natural.....	\$8.00 per bale	1000
5/6 " " ".....	15.00 " "	2000
8 " " ".....	13.00 " "	1000
5 " Green.....	10.00 " "	1000
5 " " ".....	18.00 " "	2000

RALPH M. WARD & CO., The Lily House, 71 Murray St., New York, N. Y.



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NEW YORK

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Bronx Park New York City

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If interested in any of the following at "War Time Prices," name items and quantities. Land must be cleared this Spring.

12000 Carolina Poplars.....2	-11 ft.	1000 Spiraea opulifolia.....3	- 4 ft.
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500 Pyrus baccata.....4	- 5 ft.	500 Viburnum opulus.....3	- 4 ft.
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5000 Cornus sericea.....3	- 4 ft.	3000 Celastrus paniculata and	
5000 Cornus sanguinea.....3	- 4 ft.	scandens.....3	ysr.
2000 Genista scoparia.....3	ysr.	500 Amorpha fruticosa.....4	ft.
1000 Genista tinctoria.....3	ysr.	500 Philadelphus dianthiflo-	
3000 Rhamnus catharticus.....3	- 4 ft.	rus.....(heavy).....2½	ft.
1000 Rhamnus frangula.....3	- 4 ft.	1000 Philadelphus coronarius..3	ft.
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Every Saturday, millions of dollars are taken out of our banks and spent. By the next Friday, the whole of that money is back in the banks again. In that short interval it has performed a miracle. It has kept a nation hard at work, producing food, clothes, munitions, furniture, flowers, and what not. The nation is richer by all this wealth, created by raw materials, and not one dollar of the money has been lost. It is all back in the banks again, ready to be paid out once more. Part of the goods it has produced we consume. The rest remains in the shape of wealth. Money is not wealth—it is the *symbol* of wealth.

But suppose we were to slow up the process. Suppose, instead of paying out the money every Saturday and getting it back within a week, we were to pay it out on the first of every month and get it back by the end of the month. In that case, it would circulate only twelve times during the year, instead of fifty-two, and the wealth it would produce would be exactly forty times less than the wealth now being produced. In other words, the products of the labor of the nation would be the same as though the nation only worked for twelve weeks, instead of fifty-two. That, of course, would mean nothing but stark poverty. Yet they tell us to stop spending money on anything but the barest necessities of life and keep that money in the banks doing nothing. No more new clothes should be bought, we should wear the old ones till they are in rags; no new shoes—we should patch the old ones, as long as they will hold together. Don't buy flowers, we can do without, and so on, down the line. We should save the money, keep it out of circulation, and stop the nation's turning out raw materials in wealth by means of labor.

In that case, we should have to pay for the war out of accumulated savings, and if we attempted to do that, we should soon be bankrupt. What we have to keep in our minds is that the only way in which we can pay for the war and preserve our prosperity as a people, is by bringing our productive capacity up to the highest possible standard, and the way to keep the labor and machinery of the country at its highest producing capacity is to keep our money in circulation, instead of hoarding it. The more often our money is circulated, the harder people work, the greater will be the surplus wealth we shall produce. Every day sees us a richer nation. Every day sees us able to take a bigger part in paying for the war out of newly created wealth.

Now, there is one way to kill this present prosperity, and that is to stop spending our money and keep it locked up. Keep your money from working and you stop an equal proportion of labor and machinery from producing the wealth out of which the cost of the war must be paid. The less you spend on other people's products, the less other people can spend on yours, and so we, in the flower business, must keep the wheels moving, doing everything possible to keep up the quality and volume, so as to be able to say that we have done our share in the world's work, and who among us here can say that the florists have shirked in doing their duty by being contributors to the Red Cross, Liberty Loan, Y. M. C. A., Red Triangle, and similar worthy objects?

Now we have started our first publicity campaign—do your share toward it and we will ultimately get our returns ten for every dollar we have put into it.

Henry Benn

Boston.

Ranunculus



RANUNCULUS ACONITIFOLIUS FLORE PLENO.

The few garden species of the genus *Ranunculus*, commonly called crow-foot or buttercup, listed in American trade catalogues so far remain conspicuous by their absence in our gardens. Not that they lack in attractiveness nor that under congenial treatment they are hard to succeed with. The bulbous section, for the principal part natives of Asia, when planted during February and early March in a sandy loam mixed with some leaf mould or peat enriched by well decayed cow manure amply compensate our care by freely producing beautiful single and double flowers in white, red and yellow shades. In European gardens we see the Persian, Turban and French mixed hybrids of bulbous *ranunculus* frequently grown in pots or for cutting planted out in cold frames.

The perennial species—*Ranunculus amplexicaulis*, *gramineus*, *alpestris*, *repens* fl. pl., and the very showy double white form of *Ranunculus aconitifolius* depicted by the accompanying illustration are most desirable acquisitions for the rock garden. All, however, prefer more or less moist situations and may be used to advantage near running water courses or close to the edge of pond and pool. The European home-ground owner is fully aware of the great possibilities for choice ornamental garden effects in connection with the natural spring rivulet and brook. He knows the wide scope at hand for the employment of a wonderful variety in plant material distinguished by luxuriant foliage and beautiful flowers. He has learned to appreciate the longevity of *senecios*, *funkias* and *Spiraea Aruncus*. He enjoys the incomparable mass-effect of Japanese and Siberian iris and to him the gracefulness of stately spikes of the new *astilbes* in white, pink and lavender hues seem outright indispensable. As soon as we have the American home-ground owner and garden amateur educated up to that point the demand and space for the garden forms of *ranunculus* will also be there.

South of the New England States I would advise for plantations of both the bulbous and perennial kinds, partial shade. For winter protection leaf-covering is preferable to straw and manure. The bulbous class should be covered thick enough to keep the roots under ground entirely out of danger of frost.

Richard Rolfe

Glenside, Pa.

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An ill-advised move

We are informed that the Dutch Bulb Export Association has advanced prices and established minimum market rates for this year ranging from 10 to 20 per cent over last year's prices. This means, we feel quite sure, that the Hollanders will get less money out of the United States than would have been the case if they had been more moderate. The American people have been paying high enough for their Dutch bulbs and will be likely to do without them now rather than be imposed upon. That is the American spirit. The best test of this tendency is the fact that the inevitable advance in market value of seeds, through actual scarcity, has induced many buyers to curtail their orders and if this be true in the matter of seed buying how much more likely it is that it will be exercised with bulbs which, unlike seeds, are decidedly in the dispensable class. From our viewpoint it seems that our Holland friends would get more money out of this country at

the present juncture if they were to hold their prices down to the level of last year, which we believe was about the maximum which American flower lovers will be disposed to pay at present to gratify their taste for the flowers of spring.

A suggestion for improvement

The Gardeners' Chronicle in a recent issue suggested that the useful rule in The Bagatelle rose trials which requires that when new varieties are entered for trial the parentage must be stated might be worth consideration by the American Rose Society, which appears to have made no provision to that effect. The suggestion is an excellent one and we should like to see the Rose Society and the Carnation and other societies as well, carry the idea still farther by insisting upon such information being given in connection with the exhibiting of new varieties for certification or other recognition. In the rules for registration of new roses it is stipulated that the "pedigree" be supplied in each instance but this is not always done, insofar as the published registration reports would indicate. If an exhibitor does not know the parentage of a novelty, as sometimes appears to be the case, that fact might be also stated. Again we think that exhibitors in the color classes, so called, for "the best white," "best red," etc., should be required to attach the names of the varieties entered in competition in such a way as to be easily read by the show visitors and that the judges in reporting awards on such entries should invariably add the names of the varieties to the awards given. Otherwise, especially from a trade standpoint, the color classes have little significance or value other than as a display. In the carnation competition at the recent New York show we noticed only one of the conspicuous exhibitors who had taken the trouble to attach names to all his varieties.

Special window displays

The suggestion comes from S. D. Dysinger of Holm & Olson, St. Paul, Minn., that it would be a capital idea for all members of the Florists' Telegraph Delivery to have a special window display featuring Mothers' Day a short time before that day and that the F. T. D. or perhaps the publicity committee of the Society of American Florists might offer cash prizes for the best window displays for the occasion, which would be an added incentive to not only the members of the F. T. D. but to all retail florists to do their best in featuring such a timely display and also a great advertisement for all the trade. In a general way the idea is an excellent one but in such a proposition the competition as well as the providing of the prizes would have to be local for reasons that are obvious as the appointment of a single committee to award prizes of this nature in widely separated localities would be manifestly impossible. Mr. Dysinger also suggests that photographs of the prize-winning windows could be published in the trade papers as soon as the awards should be made but anyone who ever attempted to photograph window displays from outside, through the glass knows how impracticable it is to get anything satisfactory, because of the reflection. Special window decorations for occasions in which the public are interested are surely among the best advertising mediums that any store can employ and the custom should be much more generally followed but, unfortunately, photographs of such objects are very rarely successful and so the trade papers, however ready and willing, are precluded from giving pictorial publicity to such.

THE PUBLICITY CAMPAIGN

The Publicity Committee and the Publicity Finance Committee met in joint session at the Administration Offices of the Society, 1170 Broadway, New York, on Saturday, March 16, at 2 p. m., and the meeting lasted several hours. The following members were present: Henry Penn, Boston, chairman of the Publicity Committee; George Asmus, Chicago, chairman of the Publicity Finance Committee; President C. H. Totty of the S. A. F., Madison, N. J.; Herman P. Knoble, Cleveland, O.; Wallace R. Pierson, Cromwell, Conn.; F. L. Atkins, Rutherford, N. J.; and John Young, secretary, New York. There were also present: Patrick Welch, Boston; Fred Lauenschlager, president Chicago Florists' Club; G. E. M. Stumpp, New York; Max Schling, New York; and Major O'Keefe, Boston. The accounts covering the first period of advertising were examined and finally approved. The plans for the next period of the campaign were discussed, but no definite action was taken.

The work of the Promotion Bureau was approved and its exact scope determined. The urgency of obtaining more subscriptions to the campaign fund was discussed at length. While well pleased, the committees did not think that the response to the call for subscriptions was as large as it should be, especially when the great value of the campaign to everyone in the business was considered. Ways and means for accelerating contributions were considered from all points of view, and ultimately the secretary was authorized and instructed to make tours among the trade, with the idea of promoting a proper reciprocal spirit and making the campaign a real one in every way.

All florists' clubs and societies holding regular meetings are requested to notify the secretary of their dates for after-Easter, as, if at all possible, arrangements might be made to permit of his attendance some time during the season.

That the publicity campaign is making good headway, and that it is producing beneficial results is no longer a matter of question. Reports from all sections are to the effect that the campaign, so far, has stirred up business and increased the demand for plants and flowers. This result speaks volumes of praise for those through whose efforts the campaign was made possible, as well as those who have so nobly contributed to the fund necessary to inaugurate and carry it on.

But florists who have not yet subscribed should not get the idea that the campaign is coming to a close. The point aimed for, and necessary of attainment is \$50,000 per year for four years. What has been accomplished is of an initial character. Thousands of florists are getting the initial benefit without contributing one cent to the cause. Many such have taken advantage of the service of our Promotion Bureau, which has linked their individ-

ual businesses with the national magazine advertising at no further expense than the actual cost of the material furnished to them. The Promotion Bureau feels sure that they did not intend to be "slackers."

FLOWERS IN WAR TIME.

FOOD will win the war, but food is not the goal. It is only ammunition. This war is for the souls of people and of peoples. And while we raise potatoes and cabbages to feed the flesh, the spirit must not be forced to wait till the second table. The soul should sit at meat along with the body.

Shall we banish flowers from our gardens? Can we afford to cut music out of our war program? Cabbages are of the rank and file of the fighting forces, but poppies are the regimental band. Flowers are for solace in the serious business of hoeing cabbages and killing the worms thereon. Potatoes we need for food, but pansies we must have for thoughts.

It would be to Germanize our land, if we cut gay color out of our war gardens, and left the gardener only the drab business of serving tables. The wondrous structure of the cabbage may be worth long meditation; but we do not meditate upon it. The rose compels meditation. Flowers on the mantel are incense offered to the soul of the house—the Home. If Germany had thoroughly subdued America a home would not be needed. A house and a cabbage patch would be sufficient.

War is a sad business, but it needs no professional landscape crepe-hangers. Dots and dashes, belts and splashes of color are needed in our landscape more than ever. We owe a whole season of garden cheer to the eye of the passer-by in our neighborhood. Dooryard color is Red Cross bounty. It is first aid to the warsick mind and the broken spirit. By taking thought the householder can have a succession of color growing about his house from spring frost to autumn frost, and this without subtracting at all from the time he should give to the food garden. The heart will find spare moments for flower culture. Keep the home gardens blooming.

—Minneapolis Journal, Mar. 17.

The demand for flowers today is getting an impetus it never had before—not through the efforts of any one man, but through the combined efforts of many hundreds. "Why was this thing not done before?" is a question

many are asking. The answer is plain—we had not the nerve! Now we do have it, let us keep it. That will require money, but how little, if we were to consider it pro-rata among the members of the trade to be benefited by increased business.

It should not be considered as money just handed out. It is quite as essential as insurance, and should go into the overhead charges of any establishment. Never was the truth of the old text better exemplified: "Cast your bread upon the waters and it shall return to you after many days." Your money comes back to you without fail, multiplied a hundredfold.

The man of fable who stood upon London Bridge for hours offering real gold sovereigns at a penny each and found no customers was much in the same position as that in which we find ourselves as a Society today. We are appealing to skeptical florists to reach forth and take the dollars we offer them for their pennies, and they make no mistake—they get a sure thing.

This campaign should be kept up for twenty-four years instead of four. It should be an elixir of life for the florist trade, and we should all pay for the medicine, each and every one his part. Just glance over the following list of additional subscriptions reported by Chairman Asmus of the Finance Publicity Committee, many of them secured through the hard work of local committees, and if you who read this have not subscribed, see to it that your name appears in the next list published:

Annually for four years: Ernest Ashley, Allentown, Pa., \$15; N. M. Silverman, Boston, Mass., \$10; John W. Vogt, Sturgis, Mich., \$10; H. W. Cade, Cairo, Ill., \$10; Fred A. Heffner, Hoboken, N. J., \$5; John E. Lapes, Cedar Rapids, Ia., \$10; Chas. Weber, Lynbrook, N. Y., \$15; John C. Lindheim, Providence, R. I., \$5; W. C. Crossley, Mansfield, Pa., \$10; Edw. C. Stroh, Buffalo, N. Y., \$10; Wollager Bros., Johnstown, N. Y., \$5; Connolly & Plunkett, Newark, N. J., \$5; Wm. F. Hennig, Blue Island, Ill., \$10; Walker Bros., Salt Lake City, Utah, \$10; Rodman & Sons, Brooklyn, N. Y., \$10; John Ralph's Greenhouses, Saratoga Springs, N. Y., \$5; G. W. Pfaltzgraff, York, Pa., \$5; Jas. A. Henry, Tulsa, Okla., \$5; Chas. P. Hughes, Hillsdale, Mich., \$5; A. Donoghue, Jr., Omaha, Neb., \$25; Wm. A. McAlpine, Boston, Mass., \$25; J. Frank Edgar, Waverly, Mass., \$25; Fritz Bahr, Highland Park, Ill., \$10; Bergstermann Floral Co., St. Louis, Mo., \$25; J. J. Von Reider, Dover, Del., \$5; R. J. Orr, Vineland, N. J., \$50; M. A. Barick, Seymour, Ind., \$5; D. T. Connor, Philadelphia, Pa., \$5; Davis Floral Co., Davenport, Ia., \$10; The Heiss Co., Dayton, O., \$25; M. Anderson, Dayton, O., \$10; Geo. W. Frisch & Son, Dayton, O., \$10; Chas. A. Bower, Dayton, O., \$10; Abbey Ave. Greenhouses, Dayton, O., \$15; Mrs. L. D. Johnson, Dayton, O., \$10; E. W. Jenkins, Dayton, O., \$10; Coombs The Florist, Hartford, Conn., \$125; Welch, The Florist, Hartford, Conn., \$50; Carl Peterson, Hartford, Conn., \$5; Volz Floral Co., Hartford, Conn., \$10; Robt. Marchant & Son, Hartford, Conn., \$5; Spear & McManus, Hartford, Conn., \$50; V. Dorval & Sons, Woodside, N. Y., \$10; Everett E. Cummings, Woburn, Mass., \$5; Chicago Florists' Club—account Valentine Day and Mothers' Day Stamp Account, \$400; Wm. Schray & Sons, St. Louis, Mo., \$25.

Total, \$1,120. Previously reported from all sources, \$31,256. Grand total, \$32,376.

JOHN YOUNG, Secy.

CLUBS AND SOCIETIES

LANCASTER COUNTY FLORISTS' ASSOCIATION.

Thursday, March 29, was not an ideal day for visiting, but but twenty-one of us started out with the first stop at John Shreiner's where we found some eighty-four varieties of sweet peas of high artistic quality. The Easter bulbs here will be just right for the buyer. Mr. Shreiner also grows vegetable plants almost by the million.

At Ira Landis' besides the usual assortment of carnations we found a big crop of freesias with tomatoes and pot carnations between the rows and ixia along the edges of the carnation beds. In a number of houses that were run cold on account of the fuel rulings buttercups are being tried out on a large scale.

M. J. Brinton at Christiana is the largest grower of Easter lilies in the state. They are almost a failure this year, due he thinks to poor bulbs, as they are in the same house that produced such wonderful results last season and with the same temperatures and the same treatment all the way through. Magnificum lilies are just the opposite and he is cutting them in immense quantities. He states that never in his experience has his carnations produced such a continuous crop of good flowers as they did this past winter. At Ira Ranek's carnations and sweet peas are the main crop with a batch of Godfrey calla in pots for cut flowers. Mr. Ranek is uncertain about running the houses next winter unless conditions change.

Walter Denlinger does not have a large place but manages to get a good deal out of his glass with carnations, narcissus, calendula and vegetable plants. His water system froze up for him and he is getting his supply from a well and gasoline engine route. Rutter Ness at the Gap has carnations as the main product. White Enchantress is preferred to Matchless as a white. A by-product here along the carnation beds is parsley and they cut it by the barrel. Merry Christmas looked better here than in any other place in the country.

Elmer Weaver showed us the finest bed of Benora I ever saw. Miss Theo was a mass of buds and bloom and of good color but rather under size. Aviator was far and away the best red we saw anywhere from a money making point of view, with Washburn perhaps just a little better flower. Rosalia was in fine shape and is going to be largely grown. Outside of Cottage Maid all the carnations looked fine and all are in solid beds. A house of sweet peas had enough flowers on one side of the long rows to keep a man busy cutting all day. He is growing his own sweet pea seed. Chas. M. Weaver is the largest grower of sweet peas in this section. A house of mignonette is in full crop and here again we find him growing his own seed.

One particular feature of this trip

Meetings Next Week

Monday, April 1.

Berkshires Horticultural Society, Berkshire Horticultural Hall, Berkshire, N. Y.
Labaton Horticultural Society, Fair Hall, Labaton, N. Y.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
Montreal Gardeners' and Florists' Club, Montreal, Canada.
New Bedford Horticultural Society, New Bedford, Mass.
Washington Florists' Club, Washington, D. C.
Cleveland Florists' Club, Cleveland, O.

Tuesday, April 2.

Florists' and Gardeners' Club of Holyoke and Northampton, Mass.
Lake Geneva Gardeners' and Foremen's Association, Horticultural Hall, Lake Geneva, Wis.
Los Angeles County Horticultural Society, Los Angeles, Cal.
Paterson Horticultural Society, A. M. C. A. Bldg., Paterson, N. J.
Florists' Club of Philadelphia, Philadelphia, Pa.
Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, Pittsburgh, Pa.

Wednesday, April 3.

Tuxedo Horticultural Society, Tuxedo Park, N. Y.

Thursday, April 4.

Albany Florists' Club, Albany, N. Y.
Reading (Pa.) Florists' Association, Reading, Pa.
Southampton Horticultural Society, Odd Fellows Hall, Southampton, N. Y.

Friday, April 5.

North Shore Horticultural Society, Manchester, Mass.
North Shore Horticultural Society, Lake Forest, Ill.
Pasadena Horticultural Society, Pasadena, Cal.
People's Park Cottage Gardeners' Association, Paterson, N. J.
Yonkers Horticultural Society, Yonkers, N. Y.

Saturday, April 6.

Pacific Coast Horticultural Society.

was the number of miles we paralleled the railroad and the number of loaded coal cars that were sidetracked, hundreds of them and some of them that have been there for weeks without being moved, and yet when the judge of our county court wanted a ton of coal this morning, March 23d, he could not locate any and had to be satisfied with a quarter of a ton!

Harry Haverstack was to have given us a paper in the evening on bedding plants but reported being unable to prepare it so there was no paper for the meeting and Mrs. A. M. Herr who had a Parent Teachers' meeting at the High School with an illustrated lecture on School Gardens, invited us to come there after the business of the club was through, an invitation that was accepted by a number. M. L. Buch and M. A. Eisman, representatives of the Pearline, a boiler preparation, visited the club and were given an opportunity to talk on their product.

ALBERT M. HERR.

FLORISTS' CLUB OF PHILADELPHIA.

A special meeting of The Florists' Club of Philadelphia was held on the 19th inst. on the call of the president, Adolph Farenwald, to take action on the passing away of Joseph Heacock, at which a committee was appointed and presented the following resolutions which were unanimously passed.

RESOLVED, That the Florists' Club of Philadelphia hereby expresses its deep sense of loss in the death of Joseph Heacock, whose long and faithful service in every phase of the Club's activity, social, business and executive, has always been highly conspicuous and deeply appreciated by all the members and

RESOLVED, That we hereby put on record the universal feeling of the horticultural world in general for his high character, sterling business integrity and genial helpful disposition for every progressive movement. He was outspoken, honest and fearless, but with malice in his heart towards none, and we all delighted in his well-doing and success, and feel deeply that in losing him we have lost a friend indeed, and further

RESOLVED, That this little rosebud to his memory be duly enshrined in the annals of the Club and that we all hereby bind ourselves to keep same everlastingly green and fragrant in our hearts.

SAMUEL S. PENNOCK, ROBERT KIFT, GEORGE C. WATSON, Committee.

POT MAKERS' CREDIT ASSOCIATION.

The following resolution was adopted by the Pot Makers' Credit Association upon the death of Mrs. L. Breitschwerth, proprietor of the Syracuse Pottery Co., Syracuse, New York:

Whereas our long time business friend and fellow member has been suddenly taken from us,—

Be it resolved that the following minutes be entered upon the records of the Pot Makers' Credit Association in sincere appreciation of her high character and as a testimonial of our great loss:

We, the officers and members of this Association deplore the ruthless fate which has so suddenly ended her exceptionally useful career and has deprived us of the benefits of her undragging interest in the conduct of this association.

We shall honor her memory by ever striving to be true to her principles and her daily example and the high standard of honor which she consistently maintained.

Be it further ordered that a copy of these resolutions, suitably engrossed be sent to her devoted family with the deep and fervent sympathy of this association and hope that the tender memories of her helpful life will serve as a solace and inspiration in the years to come.

March 20, 1918.

FLORISTS' HAIL ASSOCIATION.

President E. G. Hill has designated Wednesday, August 21, 1918, at St. Louis, Mo., as the time and place for the Florists' Hail Association annual meeting and has appointed James W. Heacock treasurer of the Association to fill the unexpired term of Joseph Heacock, deceased.

JOHN G. ESLER, Secy.

Obituary

J. Harrison Dick.

It is a grievous shock to us to learn of the sudden death of J. Harrison Dick, editor of our New York contemporary. In the few years since Mr. Dick came to make his home on this side of the Atlantic and "do his bit" toward the advancement of horticulture in America we have learned to regard him highly as a fellow-worker and personal friend and we extend to the Florists' Exchange our sincere sympathy in the loss of a man so industrious and faithful and to the American Dahlia Society, which in the passing away of Mr. Dick loses an efficient secretary.

Mr. Dick was operated on for appendicitis on Sunday, March 24th; grip set in and he died on Tuesday morning, March 26th. The funeral took place on Friday and was attended by many representatives of the trade, notwithstanding the demands of the Easter business on their time. There were many beautiful floral tributes.

We extract the following notes on Mr. Dick's career, from the Florists' Exchange of May 24, 1913.

Mr. Dick was born in Edinboro, Scotland, Oct. 13, 1877, in the district of Morningside. When about four years of age he went for a time to Aberdeen. His father being appointed head gardener to Lieut.-General Henry C. B. at the Pavilion Melrose, the family returned to Edinboro district. In due course he started as apprentice gardener under his father, and in November, 1893, he went to Morton Hall, Diberton, as outside journeyman. His next place was Trinity Grove, Edinboro, close to the Botanical Gardens, at which latter place he obtained permission to attend the classes in botany, physics, chemistry and also landscape gardening lectures. In 1898, he went to Veitch's Nursery, Chelsea, and a little later to Nostell Priory, Wakefield. In April, 1899, he joined the Gardening World as a reporter. He was appointed sub-editor of the Journal of Horticulture in 1901, and took over the editorial chair in November, 1911. In the early part of 1913 he came to this country and assumed the position of editor of the Florists' Exchange. During his five years at Edinboro Mr. Dick gained certificates and prizes for proficiency in such subjects useful to a gardener as botany, organic chemistry, entomology, surveying and mensuration. He studied wash drawing and some of his illustrations have appeared in the Journal of Horticulture. Mr. Dick is a member of several British horticultural societies.

Tony Evart.

On March 17, Tony Evart of Chicago made the fatal mistake of drinking nicotine instead of medicine which had been formerly kept in the same place. He was at the greenhouses when the mistake occurred and at once went to his home, 2059 Devon avenue, as fast as he was able but fell dead as he reached it. His death brought a great sorrow to his family. His father was the late Matthew Evart; his mother Anna Kinn Evart survives him. He

had also three brothers and five sisters, all connected with the trade. The sympathy of the trade is extended.

Mrs. William Winterson.

The sympathy of the trade is extended to William Winterson and family in the death of the wife and mother, Mrs. Annie Winterson, which occurred at the home of her son, Edgar T., 422 S. Huron avenue, March 23. Mrs. Winterson was 82 years of age and had been married 59 years to William Winterson, founder of the Winterson Seed Co. in 1868. The funeral occurred March 26 from her home and interment was at Forest Home.

M. T. Keenan.

M. T. Keenan, a well known retail florist doing business at 406 Myrtle



J. HARRISON DICK.

avenue, Brooklyn, N. Y., died on March 18, aged fifty years.

SWEET PEAS OF HIGH DEGREE.

At the New York International Exhibition, on Wednesday, March 20, which was Sweet Pea Day, W. Atlee Burpee & Co., were also awarded certificates of merit for Cherry Ripe, a soft shade of cherry-salmon, True Blue, a fine clear Wedgwood blue color, Exquisite, a marvelous cream self with picotee edging of rose-pink, and Snowstorm which in Mr. Kerr's opinion is the finest pure white now in cultivation.

In the display covering 100 sq. ft. which won the first prize, the outstanding varieties were: Cherry Ripe, Rosebud, True Blue, Fantasy, Daintiness, Maroon Prince, Carmine Beauty, Orange Beauty, Pink Beauty, Sweet Briar, Exquisite, Loveliness, Canary Bird, Enchantress, Blue Bird, Zephyr, Rosy Morn, Lustre, Princess, Empress, Fordhook Sankey, Daybreak, Primrose Beauty, Snowstorm, Splendour, Lavender King, Mauve Beauty, Fordhook Pink and White, Sunburst, and Fordhook Rose, all of the Early section and all the result of Mr. Kerr's crosses at Fordhook during the past nine years.

FLOWERS FOR SICK SOLDIERS.

Wounded soldiers brought back from France to hospitals in the District or sick from the camps about the Capital are to be cheered by flowers, with the compliments of the Florists' Association of Washington. The association has decided that it can aid the Red Cross most by making the hospital wards cheerful with flowers. William F. Gude, president of the Florists' Club, has been a leader in the movement. When the number of patients is increased in the hospitals the florists have made preparations to increase their gifts and keep the wards brightened with the choicest of their products.

(The foregoing is clipped from the Washington Post. It is quite possible that some of the croakers against "non-essential" flower production may yet have pathetic cause to reverse their views as to the need for flowers in war time. The truth may come home to them in a way never to be forgotten.—Ed.)

PERSONAL.

Joseph F. Madden, recently at Marion, Mass., has now taken charge of the estate of C. E. Cotting at West Manchester, Mass.

George Farquhar has resigned as superintendent at the estate of F. S. Peck, Barrington, R. I., and takes the position of gardener at Courtlands, the estate of Mrs. Courtland Hopkin at Pomfret, Conn., made vacant by the death of his brother-in-law, Robert Rust.

WE NEED A FEW MORE OPTIMISTS.

By Edgar A. Guest

We need a few more optimists,
The kind that double up their fists
And set their jaws determined-like
A blow at infamy to strike.
Not smiling men, who drift along
And compromise with every wrong;
Not grinning optimists who cry
That right was never born to die,
But optimists who'll fight to give
The truth an honest chance to live.

We need a few more optimists
For places in our fighting lists,
The kind of hopeful men who make
Real sacrifice for freedom's sake;
The optimist, with purpose strong,
Who stands to battle every wrong,
Takes off his coat, and buckles in
The better joys of earth to win!
The optimist who worries lest
The vile should overthrow the best.

We need a few more optimists
The brave of heart that long resists
The force of Hate and Greed and Lust
And keeps in God and man his trust,
Believing, as he makes his fight,
That everything will end all right,
Yet through the dreary days and nights
Unflinchingly serves and fights,
And helps to gain the joys which he
Believes are some day sure to be.

We need a few more optimists
Of iron hearts and sturdy wrists,
Not optimists who smugly smile
And preach that in a little while
The clouds will fade before the sun;
But cheerful men who'll bear a gun,
And hopeful men, of courage stout,
Who'll see disaster round about
And yet will keep their faith, and fight,
And gain the victory for right.

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SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Belgiano, Washington, D. C.; First Vice-President, Wm. O. Scarlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

About Beans.

NAVY BEAN SEED

Because of the early frost of 1917 and the weather during October and November which was not good for drying, a large portion of the navy bean crop in Michigan and New York contains an excessive amount of moisture. This fact has been fully recognized by elevator and warehouse men as well as by the United States Food Administration.

While it is known that considerable quantities of beans matured before the frost, it is not known what percentage of the general market crop was sufficiently mature to withstand the subsequent severe weather, and consequently it is impossible at this time to say how much navy bean seed of satisfactory germination will be available for planting. The Department of Agriculture wishes to urge every seedsman, elevator man and warehouseman who is handling beans for seed purposes, whether in large or small quantities, to make a germination test of his stock at once and sell the beans accompanied by a tag showing the percentage of germination upon a given date, together with the name of the State where the beans were grown. The Department further believes that it is desirable that all seedsmen, elevator men, and warehousemen urge the farmers with whom they come in contact to make germination tests of any navy beans that they are holding for seed.

SEED VELVET BEANS.

Owing to the higher price being paid by the mills for beans in the pod, and the increased cost of bags and labor, seed beans of the Alabama and Georgia varieties (known locally as "Early Speckled," "Hundred-day Speckled," "Early Ninety-day," etc.) are selling at this time at \$1.65 to \$2.00 per bushel, f. o. b. shipping point. This is 40 cents to 75 cents per bushel higher than was being received by shippers at a corresponding time last season. The Osceola variety is selling at \$3.00 per bushel f. o. b. shipping point, which is about the same as last season's price at this time. Although there is an increased quantity of this variety available for seed, there has been a corresponding increase in demand which has served to stabilize prices. Shipments of seed velvet beans up to this time are about the same as for last season and a much heavier movement is anticipated during March and April as the planting season approaches.

—Seed Reporter.

Seed at Fair Prices.

The following extracts from a statement issued last week jointly by the U. S. Department of Agriculture and

the Food Administration show the attitude of the federal government in the matter of the nation's seed stock and prevailing prices.

HIGH PRICES FOSTER USE OF POOR SEED

"The need for increased crop production is obvious and without adequate distribution of seed at reasonable prices, there is danger that acreage will be lessened and that seed of poor quality will frequently be used."

PRICES INCREASE IN SOME CASES MAY BE WARRANTED.

"The supply of many kinds of seeds is not as large as is desirable and in view of this fact as well as because of the increased cost of conducting business, some increase in the price of certain seeds may be warranted. This, however, does not justify anyone in taking selfish advantage of the opportunity to the detriment of the country."

WILL DEAL WITH SPECULATORS.

"Speculators in seed stocks is especially to be deprecated in this hour of need and if participated in by dealers under federal license for the conduct of their business will be dealt with accordingly."

DEALERS NOW UNDER LICENSE.

"All wholesale seed dealers and those retail dealers in seeds doing annual business of \$100,000 or over, who handle peas, beans, cottonseed and corn are now operating under license from the Food Administration."

WILL INVESTIGATE EXTORTIONATE PRICES.

"Instances have been cited to the Department where others have been taking advantage of the present situation by charging exorbitant prices for seed. Upon receipt of specific information of extortionate prices being charged for seeds, such cases will be investigated and recommendations made for such action as the conditions require."

COMMENDS THOSE PUTTING PATRIOTISM BEFORE PRICE.

"Several State seed growers' associations have voluntarily agreed to handle their seed with due regard to the public welfare by charging only a reasonable price for them, although doubtless the demand for seeds would permit much higher prices. Such patriotic action is to be commended."

AMERICAN SEED TRADE ASSOCIATION CO-OPERATES.

"The War Service Committee of the American Seed Trade Association also has passed a resolution in which this committee agrees to co-operate in denouncing unreasonable and excessive profits or in taking other necessary steps."

FARMERS AGREE TO \$5.00 SEED CORN.

An example of the spirit which will go far toward insuring a bountiful harvest is the action of the Missouri Corn Growers' Association. The members unanimously pledged themselves to test every ear planted for the 1918 crop and not to ask more than \$5.00 per bushel for selected tested seed corn. Although many of the men who voted for this resolution had been offered as high as \$10 per bushel for tested seed,

they declared that \$5 a bushel shall be considered a just and equitable price for pure bred seed corn of standard strains. The resolution does not apply to specially bred varieties.

SEED CORN SITUATION REGARDED WITH ALARM.

At the same time the seed corn situation in Ohio looms up with increasing gravity, hundreds of reports reaching the Agricultural College Extension Service at Columbus from all parts of the state showing that corn of the 1917 crop is failing to germinate satisfactorily, and that old corn is scarce. An average of the 4,500 tests conducted by the pupils and school teachers in all parts of the state shows that but 31 per cent of the corn will germinate. Much of this corn even is held to be better than the average, as most of the pupils selected the very best samples obtainable for testing, rather than the average.

Curtailling Imports.

The daily papers give notice of the prohibition issued by the War Trade Board on March 22d against some eighty-two commodities, among them "All plants, trees, shrubs, vines." This revokes automatically any previously granted license and presumably the last foreign shipments allowed to come in will be those that left previous to April 15th. In how far this edict may be later on modified is hard to foresee. It will not be surprising if all flowering bulbs should be added very soon.

Transportation.

The Director General has issued an order No. C. C. 1A on March 25th exempting seeds and nursery stock under certain conditions from embargoes and directing that no embargoes shall be made by the carriers except and until expressly authorized by the

Horticultural Books

For Sale by

HORTICULTURE PUBLISHING CO.

Chrysanthemum Manual. Elmer D. Smith	\$0.50
The Chrysanthemum. Herrington .....	.50
Commercial Carnation Culture. Dick	1.50
Commercial Rose Culture. Holmes	1.50
Violet Culture. Galloway	1.50
Greenhouse Construction. Taft ..	1.50
Sweet Peas up to Date. Kerr ..	1.50
Plant Propagation, Greenhouse and Nursery Practice. Kains ..	1.50
Plant Pruning. Kains	1.50
Book of Garden Plans. Hamblin ..	2.00
Landscape Design. Hubbard ..	6.00
The Art of Outdoor Rose Growing. Thomas	4.00
The Home Vegetable Garden. Krum	1.00
Vegetable Gardening. R. L. Watts	1.75
Parsons on The Rose	1.00
Principles of Floriculture. E. A. White	1.75
Foundations of American Grape Culture. Minson	2.00
Plant Materials of Decorative Gardening. Trelease	1.00
Aristocrats of the Garden. Wilson	5.00
Bailey's Cyclopedia of Horticulture, 6 volumes	36.00

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9 and 10 inch pots \$2 to \$4 each

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4 inch 50 cents; 4½ inch 75 cents; 5 inch \$1.00. A few specimen
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	1st Size 1000	2d Size 1000
America	\$20.00	\$15.00
Ida Van	50.00	40.00
Independence	16.00	12.00
Mrs. Francis King.....	18.00	14.00
Mrs. Frank Pendleton.....	50.00	35.00
Navajo	60.00	40.00
Exhibition Mixed.....	20.00	15.00
Garden Mixed	16.00	12.00

CANNAS

	Home Grown Fresh Cut Doz.	100
Beacon	\$0.75	\$6.00
Hungaria .....	.60	5.00
Kate F. Deemer.....	.50	3.00
Meteor60	5.00
Olympic75	6.00
Richard Wallace.....	.60	5.00
Wintzer's Colossal.....	.60	5.00

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1835 EMBARGO ON ALL PLANTS 1918

TREES, SHRUBS and VINES, issued March 22d, beginning with April 15th's foreign sailings, revokes previous licenses and makes further importing impossible. Shall arrange to supply the trade with reliable home-grown stock when apprised of wants.

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Red feet
to the
hip
stock

CATALOGUES RECEIVED.

Alex. Leitch & Son, N. J.
Market Catalogue for 1918.

Wayne Garden Co., Mentor, Ohio.
Hardy Plants and Trees. Also Dah-
lias.

Harlow P. Kelley, Salem, Mass.
List of Hardy American Plants, Rhododendrons, Azaleas and Specimen
Evergreens.

F. & F. Nurseries, Springfield, N. J.
—Trade List of Nursery Stock for
Spring, 1918. Department of the
American Nursery Co.

Breck-Robinson Nursery Co., Lex-
ington, Mass. Wholesale Price List of
Trees, Shrubs, Herbaceous Border
Plants, etc., season of 1918.

New England Nurseries Co., Bed-
ford, Mass. —1918 Price List of "Hardy
Trees, Shrubs, Vines and Plants that
Satisfy." Close printed, pocket-width
form and useful.

Framingham Nurseries, Framing-
ham, Mass.—Trade Price List, Spring,
1918, for Nurserymen, Dealers, Flor-
ists and Landscape Architects Only.
An excellent list of desirable ornamental
deciduous and evergreen shrubs
and trees and small fruits.

Stumpp & Walter Co., New York,
N. Y.—Annual Seed, Bulb, Plant and
Implement Catalogue for 1918; 140
pages. A very complete and finely il-
lustrated publication. They offer a
tempting list of Specialties in Pedi-
greed Vegetable Seeds which the dis-
criminating buyer will find interesting.
A group of beautiful Scabiosas in
color adorns the title page.

Elm City Nursery Co., Edgewood,
New Haven, Conn.—Price List of
Choice Trees, Shrubs, Roses, Etc. This
establishment is preparing to move
its business to new nurseries at Wood-
mont and in the meantime is offering
stock at Edgewood at special reduced
rates. The list now published has,
therefore, a particular interest. The
system of giving the correct botanical
name in connection with plants listed
as here followed is very commendable.

Vilmorin-Andrieux & Co., Paris,
France.—General Catalogue for 1918.
Messrs. Vilmorin apologize to their
American friends for the paper and
make-up of this edition but call atten-
tion to the present and increasing
scarcity of paper there and for this
reason they have requested their cus-
tomers to keep this season's copy for
eventual use next season in case they
should not be able to procure paper
for a 1919 edition. They also state the
great difficulty experienced in having
seeds grown, the decreasing number
of growers who are able or willing to
do so and the unavoidable scarcity and

Flower Seeds, Cannas, American Grown Gladioli, Etc.

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FOR EARLY FLOWERING

Every florist should have a few of these dainty flowers
for their Easter trade: 100, \$3.00; 1000, \$28.00.

BEGONIAS

Double-Flowering—Salmon, Deep Rose, Scarlet, Crim-
son, White, Yellow, Orange, Copper-Bronze. Mixed:
100, \$6.50; 1000, \$60.00.

Single-Flowering—Delicate Pink, Deep Rose, Scarlet,
Crimson, White, Yellow, Orange, Salmon. Mixed:
100, \$4.75; 1000, \$45.00.

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higher prices of this season with pros-
pects of still further advances. We
shall all hope that the terrific struggle
now going on in France may be hap-
pily ended and normal conditions be
restored before catalogue making for
1919 is in order.

INSECT POWDER FROM JAPAN.

Insect powder which is shipped from
Japan is made from ground pyrethrum
flowers, usually exported under that
name or as "pyrethrum insect powd-
er." As the seeds from which the
plants were originally grown came
from Dalmatia, it is probable that this
powder is sometimes sold in the
United States under the name of "Dal-
matian powder," but neither the name
"Dalmatian powder" nor that of "Per-
sian insect powder" is ever used in
Japan in connection with ground
pyrethrum flowers which are produced
within the country. On account of the
difficulties of the language and the
fact that some firms do not have the
facilities for conducting an export
business, insect powder heretofore has
been shipped entirely by commission
houses in Kobe and Osaka.

The pyrethrum-flower crop in 1917
has been estimated at more than 4,000
tons, an increase of 100 per cent. over
the crop of 1916. In spite of the large
crop, however, the prices of both the
flowers and the powder have remained

rather high, as the producers have
been holding on to their supplies in
the hope of a large demand from
America and Europe. The ruling
prices since September have been:
Flowers, \$25 per 100 kin (133 pounds);
powder, \$27.50 per 100 pounds. While
these are market prices, some flower
growers and powder manufacturers
recently have been forced to sell at
considerably lower prices in order to
obtain funds with which to meet their
obligations. Consequently deals have
been made lately at \$17 per 100 kin for
flowers and \$19.50 per 100 pounds for
powder. In view of the great increase
in the supply and the comparatively
lax demand from abroad, the powder
buyers have been waiting for still
better terms, expecting the price to
fall to \$18.50 or \$19 per 100 pounds
in the near future. These prices rep-
resent the first cost only and do not
include commissions or other charges.

Lists of manufacturers of insect
powder and of exporters of that
product in Japan may be obtained
from the Bureau of Foreign and Do-
mestic Commerce, its district or co-
operative offices. Refer to file No.
96674.

A recent letter from Paris states
that the son of Mr. Eugene Schaettel
of Vilmorin-Andrieux & Cie., who was
first to go to the army in Salonica
writes that he may have to go to Ar-
menia as cadet in an Armenian battal-
ion. Mr. Schaettel's son-in-law, Capt.
Nassoy is at the Officers' School at
St. Cyr, pending complete recovery
from his wounds.

MICHELL'S SPECIALS

Force them for Decoration Day

DIELYTRA SPECTABILIS (Bleeding Heart). Always a quick seller at high prices. Fine clumps, \$1.50 per 12; per 100, \$10.00.

SPIRAEA PRINCESS MARY (New). The finest of all—Pure pink. Quickly forced. Large clumps, \$2.75 per 12; per 100, \$15.00.

LILIUM AURATUM. Extra Fine.

	Per 12	Per 100	Per 1000
8 x 9	\$1.20	\$7.50	\$67.50
9 x 11	1.60	11.50	105.00

LILIUM ALBUM (Praecox)

	Per 12	Per 100	Per 1000
8 x 9	1.50	10.00	92.50
9 x 11	2.00	14.00	135.00

LILIUM RUBRUM or **ROSEUM**

	Per 12	Per 100	Per 1000
8 x 9	1.30	7.75	72.50
9 x 11	1.75	10.00	107.50

Send for Wholesale Price List offering everything required by the progressive florist.

HENRY F. MICHELL CO.

518 Market St. PHILADELPHIA

Choice Flower Seeds FOR FLORISTS

CINEBARIA—Prize strains, mixed Tall and Semi-dwarf.

ALYSSUM—Little Gem.

CALENDULA—Orange King, Lemon Queen.

SNAPDRAGON—Silver Pink.

BEGONIA—Vernon.

DELPHINIUM NEWPORT ROSE—Finest Pink Larkspur at 80c. per oz., \$2.25 per ¼ lb.

J. M. THORBURN & CO.

Established 1802.

53 Barclay Street, NEW YORK

Paper White Narcissus
Lilium Candidum
Amaryllis, Callas
Cold Storage Lilies

Write us for price

AMERICAN BULB CO.

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ROMAN J. IRWIN

108 West 28th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nannus—1000 seeds, \$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengeri—1000 Seeds, \$1.00.
Salvia Bonfire—½ oz., 50c.; 1 oz., \$2.00.
Salvia Zurich—½ oz., 75c.; 1 oz., \$4.00.
Stocks Beauty of Nice, 75% Double Flowers
 —Shell Pink, Bright Pink, Purple, White
 —Tr. Pkt., \$1.00; ¼ oz., \$2.00; 1 oz., \$5.00.
Snaptdragon, **Petunias**, **Verbena**, etc.

SEND FOR CATALOGUE.

Burpee's Seeds PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT FOR PROFIT

LILIUM GIGANTEUM

7/9 (300 per case)..... \$60.00 per thousand
 8/10 (225 per case)..... 80.00 " "
 9/10 (200 per case)..... 100.00 " "

Complete List of Florists' Choice Seeds.
 A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.

1004 Lincoln Bldg., PHILADELPHIA, PA.

WEEBER & DON**Choice Seeds for Florists for Present Sowing****MIGNONETTE**

"W. & D.'s Aldon" far outclasses any other strain for marketing. Tr. pkt., 50c.; ¼ oz., \$1.00; oz., \$6.00.

ANTHRRHINUM

W. & D.'s Imp. Giant-Flowering. Pure White, Pink, Fairy Queen, Coral Red, Rose, Scarlet, Striped Venus, and Yellow. Tr. pkt., 25c.; oz., 75c. **Neirose**. Pkt., 25c.

ALYSSUM

Little Gem. Tr. pkt., 10c.; oz., 30c.
Odorum. Tr. pkt., 10c.; oz., 15c.

SALVIA

Splendens. Tr. pkt., 20c.; oz., \$1.25.
Bonfire. Tr. pkt., 25c.; oz., \$2.50.

VERBENA

Mammoth. Scarlet, Pink, Purple, White, Yellow. Tr. pkt., 25c.; oz., \$1.00.

WEEBER & DON, 114 Chambers St., NEW YORK*Stumpp & Walter Co***SEEDS AND BULBS**
30-32 BARCLAY STREET - - NEW YORK**LEONARD'S SEEDS****and SEED SERVICE**

FOR SALE BY

LEONARD SEED COMPANY, Chicago, Ill.**JACK FROST MATS**

For Cold Frames

1-2 Doz. \$16; 1 Doz. \$30

WM. ELLIOTT & SONS

42 Vesey St., New York

BURNETT BROTHERS

Importers and Growers of

SEEDS, BULBS, PLANTS, &c.

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THOMAS J. GREY COMPANYSEEDS, BULBS AND IMPLEMENTS
WHOLESALE AND RETAIL.

Reselected Strains in Seeds.
 Improved styles in implements.
 Catalogue upon application.

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BOSTON, MASS.**LILIUM GIGANTEUM****New Crop Now On Hand**

For immediate or future delivery
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JOSEPH BRECK & SONS' CORP

47-54 North Market St., Boston, Mass.

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SPECIALIZE IN

SEEDS

(personally selected strains)

WHOLESALE ONLY

Write for Special Prices, Spot or
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Only Address, LANGPORT, Eng.

W. E. MARSHALL & CO.
SEEDS, PLANTS AND BULBS
Horticultural Sundries

166 W. 23rd St., NEW YORK

J. BOLGIANO & SON

Careful Seed Growers and Seed Distribu-
 tors for One Hundred Years

WRITE FOR OUR 1918 SPECIAL CATALOGUE

To Market Gardeners and Florists

Pratt and Light Sts., BALTIMORE, MD.

GARDEN SEED

BEEF, CARROT, PARSNIP, RADISH and
GARDEN PEA SEED in variety; also other
 items of the short crop of this past season,
 as well as a full line of Garden Seeds, will
 be quoted you upon application to

S. D. WOODRUFF & SONS

82 Day St., NEW YORK and ORANGE, CONN.

ALEX. McCONNELL

611 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cost of Cabling Foreign Deliveries Must be prepaid

Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.

Penn
The Florist

"The Telegraph Florist"

Member of Florists' Telegraph Delivery

124 TREMONT ST.
BOSTON

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KANSAS CITY

Transfer Your Orders to

SAMUEL MURRAY

1017 Grand Avenue

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Deliver orders from any part of the country to

New York City

Write or Telegraph

2139-2141 Broadway, - New York
Telephone 1555-1556 Columbus

KOTTMILLER, Florist

426 Madison Ave. and 49th St., New York. Also Vanderbilt Hotel

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Out-of-town Orders Solicited. Location Central. Personal Attention.

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32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

**Providence, Rhode Island
Johnston Brothers**

LEADING FLORISTS

38 Dorrance Street

Member Florists' Telegraph Delivery

Of Interest to Retail Florists

NEW FLOWER STORES

Cleveland, O. Albert R. Wilhelmy.
2305 Clark Ave.

Milwaukee, Wis. Mrs. E. F. Kummer, 1204 Center St.

NEW CORPORATIONS.

Danbury, Conn.—A certificate of incorporation of the Cornell Flower Company, of Danbury, has been filed in the office of the secretary of state at Hartford. The capital stock is \$10,000, of which \$1,000 has been issued. The incorporators are Joseph E. Cornell, William F. Barnett and Henry G. Cornell.

BUSINESS TROUBLES.

William J. Doogue, who conducted a florist's store at Asylum and Ann streets, Hartford, Conn., has filed a petition in bankruptcy in the United States district court showing liabilities of \$14,672.25, and assets of \$2,642.94. The largest claims against the bankrupt are J. H. Clarkin, \$3,339.64; and A. D. Doogue, \$5,000. The assets listed are cash, \$1,847.94; notes, etc., \$320; stock in trade, \$125; auto, \$300; claim against express company, \$50.

There has been talk of eliminating non-essential industries for some time, but this has caused such a protest that it has been abandoned. It is now proposed to regulate raw materials so that non-essential industries will receive only enough to keep them going. This is also considered dangerous since the belief prevails that no industry is non-essential, at least to the prosperity of the country, and our war success is dependent upon the maintenance of our prosperity.

—American Industry in War Time.

IN THE
National Capital

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKE

Connecticut Ave. and L St.
WASHINGTON, D. C.

Established 1874

DARDS

FLORIST

N. E. Cor. 44 St. & Madison Avenue, N. Y. City
(Member Florists' Telegraph Delivery Asso.)

Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address Dardsflor.

We should all strictly adhere to the request of the United States Food Administration.

**JOHN BREITMEYER'S
SONS**

Cor. Broadway and Gratiot Aves.
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Artistic Designs . . .
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada. Members Florists' Telegraph Delivery Association.



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GUDE BROS. CO.
WASHINGTON, D. C.

Member Florists Telegraph Delivery

Orders for NEW YORK.
Write or Phone to

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785 Fifth Ave.

Best Florists in the States as
References.

EUROPEAN ORDERS EXECUTED

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THE ROSERY

23 STEUBEN ST.

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FLOWER DELIVERIES FOR ALBANY
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G. E. M. STUMPP

761 Fifth Ave.

NEW YORK CITY

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YOUNG & NUGENT

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Members Florists' Telegraph Delivery

A. T. BUNYARD
NEW YORK

413 Madison Ave. at 48th Street
Also Newport, R. I.

I GUARANTEE SATISFACTION
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CHICAGO Send Your Orders to WILLIAM J. SMYTH

Member Florists' Telegraph
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Prompt Auto Delivery
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THOS. F. GALVIN
INC.
NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street
Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
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Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

CLEVELAND
A. GRAHAM & SON
5523 Euclid Ave.
Will take good care of your orders
Members of F. T. D. Association.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
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Rochester Phone 506. Long Dist. Bell Phone 2726
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S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
Stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.

WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

TWO OF UNCLE SAM'S BOYS.

Here we have two young men, brothers, sons of Edward Kirk, landscape gardener and florist, of Bar Harbor, Me., both in the service of Uncle Sam. The one on the right of



the picture is a first-class quartermaster in the Naval Reserve. The other one is lieutenant in the Regular Army and is now in France "doing his bit." These two boys left college to serve their country.

The annual Flower Show of the Town Improvement Association was held at the greenhouses of Julius Roehrs Co. at Rutherford, on Sunday, March 24. The proceeds were for the benefit of the Rutherford Hospital fund.

F. R. PIERSON CO.
FLORISTS AND
PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

H. F. A. LANGE
WORCESTER, MASS.
Deliveries to all points in New England.
125,000 Square Feet of Glass.
Member Florists' Telegraph Delivery
Association.

YALE! YALE!
And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
J. N. CHAMPION & CO.
1026 Chapel St., New Haven, Conn.

ST. LOUIS, MO.

FRED C. WEBER
4326-28 Olive St.

Member Florists' Telegraph Delivery Association
NOTICE INITIALS. We have one store only

THE J. M. GASSER COMPANY,
CLEVELAND
Euclid Avenue

The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.
JOHN H. DUNLOP
8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.
EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all
Northwestern points given prompt at-
tention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

Ready for Delivery During April

A large Quantity of
**Beauty and Shawyer
ROSE PLANTS**

*If interested let us quote
you prices*

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

**EDWARD REID
WHOLESALE FLORIST**

1619 - 21 Ranstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

*Wholesale Cut Flowers
Plants, Greens, etc.*

5 So. Mole St., PHILADELPHIA, PA.

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WHOLESALE FLORIST

24 Stone St., Rochester, N. Y.

E. G. HILL CO.

Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

**MICHIGAN CUT FLOWER
EXCHANGE, Inc.**

WHOLESALE COMMISSION FLORISTS
Consignments Solicited

Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

*We are Wholesale Florists Doing
a Strictly Wholesale Business*

30 East Randolph Street, CHICAGO



TRY

**Horticulture's Advertisers
FIRST**

Before Looking Elsewhere

**Tell Them You Did So And
They'll Reciprocate**

MARTIN REUKAUF

Everything the Best in Florists' Supplies

433 Callowhill Street, Philadelphia

**IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.**

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

**WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100
TO DEALERS ONLY**

	BOSTON March 28		ST. LOUIS March 25		PHILA. March 25	
Roses						
Am. Beauty, Special	35.00	to 60.00	40.00	to 50.00	50.00	to 60.00
" " Fancy and Extra	25.00	to 30.00	15.00	to 20.00	35.00	to 40.00
" " No. 1 and culls	8.00	to 12.00	3.00	to 6.00	10.00	to 20.00
Russell, Euler, Mock	4.00	to 12.00	5.00	to 15.00	8.00	to 35.00
Hadley	4.00	to 15.00	5.00	to 10.00	6.00	to 12.00
Arenberg, Hoosier Beauty	4.00	to 16.00	2.00	to 4.00	6.00	to 12.00
Ward	4.00	to 16.00	2.00	to 5.00	6.00	to 12.00
Killarney, Radiance, Taft	4.00	to 12.00	2.00	to 4.00	6.00	to 12.00
Ophelia, Sunburst, Hillingdon	4.00	to 16.00	2.00	to 10.00	8.00	to 15.00
Carnations	3.00	to 6.00	1.00	to 2.00	3.00	to 5.00
Cattleyas	25.00	to 50.00	.....	to 50.00	75.00	to 100.00
Dendrobium formosum	.....	to 50.00	.....	to .....	.....	to
Lilies, Longiflorum	12.00	to 20.00	.....	to 12.50	12.00	to 15.00
Lilies, Speciosum	6.00	to 8.00	.....	to	5.00	to 10.00
Callas	20.00	to 25.00	.....	to 10.00	15.00	to 20.00
Lily of the Valley	5.00	to 8.00	.....	to 6.00	6.00	to 8.00
Snape dragon	8.00	to 12.00	.....	to 4.00	6.00	to 10.00
Violets	.75	to 1.75	.....	to .30	.50	to 1.00
Freesia	1.00	to 2.00	.....	to 3.00	2.00	to 3.00
Narcis, Paper White	1.00	to 2.00	.....	to 3.00	2.00	to 3.00
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00	2.00	to 3.00
Daffodils	1.00	to 3.00	1.00	to 3.00	3.00	to 4.00
Tulips	2.00	to 4.00	3.00	to 5.00	2.00	to 5.00
Calendula	1.00	to 2.00	1.00	to 2.00	1.00	to 2.00
Mignonette	3.00	to 4.00	.....	to	1.00	to 3.00
Sweet Peas	1.00	to 3.00	.20	to .75	1.00	to 3.00
Marguerites	2.00	to 3.00	.....	to .75	1.00	to 1.50
Gardenias	15.00	to 25.00	.....	to	20.00	to 30.00
Adiantum	1.00	to 1.25	.....	to 1.00	.....	to 1.00
Smilax	20.00	to 25.00	12.50	to 15.00	20.00	to 25.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	20.00	to 35.50	.....	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

As we close our forms for **BOSTON** this week's issue the wholesale flower market is in a very healthy condition with all indicating a successful Easter trade, with good but not too much inflated prices and no embarrassing overstock in sight. The shipping trade is exceptionally good with the wholesalers, the only snag thus far being a shortage of lilies. This has put the market value of lilies up to a higher mark than for a number of years back. The retail stores are giving their main attention to the plant trade but have placed cut flower orders quite liberally for Saturday and Sunday. The great banks of azaleas that have been so conspicuous in former years are, of course, missing, but there is plenty of color in the masses of hydrangeas, rambler roses, primulas, genistas, forced bulbs, etc., which the growers have been able to bring to perfection despite the winter fuel exigencies. Altogether the situation three days before the great floral festival seems to fully justify the optimistic feeling which dominates the market.

As Lent nears its close **CHICAGO** there is no cessation to the steady, if not large, demand for flowers and blooming plants. Even with the greatest of the florists' special days just ahead, the past week has been a busy one, when usually that time is a particularly quiet one. Stock continues all that could be desired, with roses a little more plentiful, practically all the varieties being better than at any other time since the holidays. Carnations still are in excess of demand to an extent that makes the price moderate. Shipping for Easter is now on and Easter prices went into effect on Monday, Mar. 25th. Books show a good number of out-of-town orders and so far all indications are for a good Easter business.

Market conditions, at **NEW YORK** time of writing these notes, are of interest only as a matter of "prospect," but by the time this reaches the eye of our readers the prospects will have lost all their value as such and we shall all know the outcome of the Easter business when we confidently expect the verdict to be, as now appears likely, that stock of all kinds was in sufficient abundance for all needs except in the case of Easter lilies which seem to be in scanty supply in almost every part of the country. Prices are up to twenty cents at present and this takes the market value of callas along with it in a substantial advance. Trade has been generally quiet but the accumulation of unsold material has not been so excessive as to demoralize the market seriously. The Easter plant trade has been very lively, the growers being well cleaned up on all stock of desirable quality. Mayflowers are being received in quantity from southern points.

The tone of the **PHILADELPHIA** market at end of last week was distinctly cheering—just as it was the



BEAUTIES

Are now much more plentiful, and of wonderful quality, in all lengths, at

Specials	\$40.00
Fancy	30.00
Extra	20.00
Firsts	15.00
Seconds	10.00

EVERYTHING IN PLANTS, CUT FLOWERS, GREENS, RIBBONS AND SUPPLIES.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI March 25		CHICAGO March 25		BUFFALO March 25		PITTSBURG March 25	
Roses								
Am. Beauty, Special	50.00	to 60.00	75.00	to 90.00	40.00	to 50.00	.....	to 50.00
" " Fancy and Extra	35.00	to 40.00	50.00	to 75.00	25.00	to 35.00	30.00	to 40.00
" " No. 1 and culls	10.00	to 25.00	25.00	to 35.00	3.00	to 10.00	8.00	to 25.00
Russell, Euler, Mock	8.00	to 15.00	6.00	to 25.00	4.00	to 15.00	.....	to
Hadley	8.00	to 15.00	.....	to	5.00	to 12.00	.....	to
Arenberg, Hoosier Beauty	6.00	to 12.00	5.00	to 20.00	5.00	to 15.00	6.00	to 15.00
Ward	4.00	to 10.00	5.00	to 20.00	3.00	to 6.00	8.00	to 12.00
Killarney, Radiance, Taft	4.00	to 10.00	5.00	to 20.00	4.00	to 8.00	6.00	to 15.00
Ophelia, Sunburst, Hillingdon	5.00	to 15.00	5.00	to 20.00	5.00	to 15.00	8.00	to 15.00
Carnations	4.00	to 6.00	2.00	to 5.00	2.00	to 5.00	.....	to 6.00
Cattleyas	60.00	to 75.00	50.00	to 75.00	60.00	to 75.00	.....	to 75.00
Dendrobium formosum	.....	to .....	.....	to .....	.....	to .....	.....	to
Lilies, Longiflorum	.....	to 15.00	6.00	to 15.00	10.00	to 15.00	.....	to 15.00
Lilies, Speciosum	.....	to .....	.....	to	4.00	to 6.00	.....	to
Callas	12.00	to 15.00	10.00	to 12.00	10.00	to 15.00	.....	to 25.00
Lily of the Valley	6.00	to 7.00	5.00	to 8.00	6.00	to 8.00	.....	to 8.00
Snapdragon	4.00	to 10.00	10.00	to 15.00	4.00	to 8.00	.....	to
Violets	1.00	to 1.50	.35	to .75	.60	to .75	.75	to 1.00
Freesia	.....	to 3.00	2.00	to 3.00	2.00	to 3.00	.....	to 4.00
Narcis, Paper White	.....	to 3.00	.....	to	2.00	to 3.00	3.00	to 5.00
Roman Hyacinths	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	3.00	to 5.00
Daffodils	3.00	to 4.00	2.00	to 4.00	2.00	to 3.00	3.00	to 4.00
Tulips	3.00	to 4.00	3.00	to 6.00	2.00	to 3.00	4.00	to 5.00
Calendula	3.00	to 4.00	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00
Mignonette	4.00	to 6.00	4.00	to 12.00	3.00	to 6.00	5.00	to 6.00
Sweet Peas	1.00	to 2.00	.75	to 1.50	.75	to 2.00	1.00	to 2.50
Marguerites	.....	to 1.00	1.00	to 3.00	1.00	to 1.00	3.00	to 4.00
Gardenias	.....	to	15.00	to 25.00	25.00	to 35.00	.....	to
Adiantum	.....	to 1.00	1.00	to 1.25	1.00	to 1.25	.....	to 1.00
Smilax	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00	.....	to 20.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	.....	to 50.00

week before—and if the good weather keeps up as the prophets say it will during Easter week, there will be a very good tale to tell for the opening of Spring, 1918. The plant men are well sold up a week ahead, and the cut flower men are in shorter crop than ever before so that the situation all along the line is in a very healthy condition, and while prices are not as high as the growers would like neither

are they so disastrous as they might be if bad weather conditions should prevail.

If present prospects **PITTSBURGH** materialize Easter business will be quite up to the mark, which means practically everything, especially for those depending on the fashionable clientele for their financial returns.

(Continued on page 327)

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NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Mar. 23 1918		First Part of Week beginning Mar. 25 1918	
American Beauty, Special	25.00	to 35.00	40.00	to 50.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 25.00
" " No. 1 and culls.	3.00	to 6.00	4.00	to 6.00
Russell, Euler, Mock.	3.00	to 20.00	4.00	to 20.00
Hadley.	3.00	to 40.00	6.00	to 40.00
Arenberg, Hoosier Beauty.....	3.00	to 10.00	4.00	to 10.00
Ward.	3.00	to 8.00	4.00	to 8.00
Killarney, Radiance, Taft.....	3.00	to 8.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	3.00	to 12.00	4.00	to 15.00
Key.....	3.00	to 12.00	4.00	to 18.00
Carnations.....	2.00	to 5.00	3.00	to 6.00

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WHOLESALE FLORISTS

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Tel. 8237 3583 Farragut

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WHOLESALE FLORIST

Can handle shipments of growers' product
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Growers of Snapdragons and Sweet Peas,
etc., for the New York trade.

180 West 28th Street, Tel. Farragut 684.

NEW YORK.

Flower Market Reports

(Continued from page 325)

The past week had a ST. LOUIS crowded market. Carnations were especially plentiful and sold at low prices. Two dozen carnations for 25c. was advertised by the retail establishments down town. Roses also were lower, especially the white and pink Killarney. Violets are over and sweet peas are daily becoming more plentiful.

The market continues well supplied but the demand for flowers has not been very brisk the past few days. There is a surplus of bulbous stock, especially in jonquils which are being offered at low prices to clear. Carnations are also in oversupply. Sweetpeas are of excellent quality and sell well. Forgetmenots, bachelor buttons and other small flowers sell well for basketwork and corsages. Roses are very plentiful and Easter lilies are scarce. Violets are flooding the markets and the only means of moving them is the street vendors. Calendulas sell at sight. Orchids are good but have no demand. Primula malacoides is being put to good use as cut flowers but as a pot plant individually they do not sell. Mixed- in basket arrangements they are, however, excellent. Good supplies of asparagus plumosus and smilax are on the market.

Cymbidium Gottianum, which was one of the gems in the Roehrs' orchid display in New York last week, is one of the longest keeping orchids, the blooms lasting in perfection for fully six weeks and as the plants can be flowered in succession for a considerable time it is possible to have this handsome flower for decorative use all the time from Christmas until Easter.

TREES, SHRUBS, VINES and HERBACEOUS PERENNIALS

By JOHN KIRKEGAARD

Formerly Assistant to Director of the Royal Botanical Gardens, Copenhagen, Denmark. Latterly Twenty Years in American Forestry and Botanical Work.

Assisted by DR. H. T. FERNALD,

Professor of Entomology Massachusetts Agricultural College and Entomologist, Massachusetts Agricultural Experiment Station,

and PROF. E. A. WHITE,

Professor of Floriculture, New York State College of Agriculture at Cornell University.

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NEW YORK

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NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Mar. 23 1918		First Part of Week beginning Mar. 25 1918	
Cattleyas	25.00	to 50.00	30.00	to 50.00
Dendrobium formosum	.....	to 50.00	.....	to 50.00
Lilies, Longiflorum	4.00	to 1.00	10.00	to 20.00
Lilies, Speciosum	3.00	to 8.00	3.00	to 8.00
Callas	10.00	to 12.00	12.00	to 10.00
Lily of the Valley	2.00	to 5.00	2.00	to 5.00
Snadragon	8.00	to 10.00	2.00	to 10.00
Iris	8.00	to 12.00	8.00	to 12.00
Violets	.30	to .40	.50	to .75
Freessias	1.00	to 2.00	1.00	to 2.00
Narcis, Paper White	.75	to 1.50	.75	to 1.50
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00
Daflodils	1.00	to 3.00	1.00	to 3.00
Tulips	1.00	to 3.00	1.00	to 4.00
Calendula	1.00	to 3.00	1.00	to 3.00
Mignonette	2.00	to 4.00	2.00	to 4.00
Sweet Peas	1.50	to 1.50	.50	to 1.50
Marguerites	1.00	to 3.00	1.00	to 3.00
Cardenias	15.00	to 30.00	20.00	to 35.00
Adiantum	.50	to 1.00	.50	to 1.00
Smilax	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Spren (100 bunches)	25.00	to 50.00	25.00	to 50.00

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Boston Floral Supply Co.

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CYCAS, BASKETS, WIRE DESIGNS
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Send for price list if you have not received one.

Visitors' Register

Boston—James Day, Milford, N. H.

Rochester, N. Y.—R. Daschback, Chicago, Ill.; R. E. Blackshaw of Ove Gnat Co., La Porte, Ind.; T. T. Fryer, Tajimi Co., New York; James P. Boyle, Lyons, N. Y.

Chicago—Robt. Rahaley, Detroit, Mich.; Walter G. Taepke, Detroit, Mich.; R. A. Peterson, Westwood Cincinnati, O.; Rolf Zetlitz, Lima, O.; Otto Speidel, Milwaukee, Wis.; C. M. Grossman, Petoskey, Mich.; H. Junge and Mrs. Junge, Indianapolis, Ind.; T. J. Ludwig, Columbus, O.

Philadelphia—H. E. Hildebrand, Pa.; H. A. Miller, Williamstown, Pa.; Mrs. Delany, Mt. Carmel, Pa.; Geo. H. Berke and Walter Thoms, Atlantic City, N. J.; C. E. Smith, son and daughter, York, Pa.; Austin Canfield, Shenandoah, Va.; E. L. Tanner, Richmond, Va.; Chas. L. Schmidt, Harrisburg, Pa.; A. W. B. Bauer, Wilkes-barre, Pa.

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10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

LOCAL AND GENERAL NEWS

BOSTON.

Henry B. B. has forty years of experience in the horticultural industry on March 27.

Charles I. B. chairman of the Melrose Park Commission since its organization, whose work has been largely to consider the growth of the parks and playgrounds and who prepared plans for them without expense to the city, has resigned on account of poor health. Andrew F. Evers has been appointed his successor.

State Forester Rane is inaugurating a campaign of reforestation of the waste lands of Massachusetts. For this purpose the week of April 8 has been set apart for a canvass of the entire state in the interest of the scheme. The governor and council have approved selling from the state nurseries not over 10,000 nor less than 1,000 to any one person of four-year transplants at \$7 a thousand. The trees are to be shipped express collect, but no charge for packing will be made.

The funeral of Andrew Robeson Sargent of Brookline, son of Prof. Charles S. Sargent of the Arnold Arboretum took place on March 22 at the Emmanuel Church, on Newbury street. Mr. Sargent was prominent socially and as a landscape gardener, in which profession he had been associated with Guy Lowell. Among the more than 200 former friends and associates who attended the services were many prominent in every field of activity. Men from the office of Mr. Sargent attended in a body. Two pews were occupied by a delegation from New York.

PITTSBURGH.

Frank Stendl, a former bookkeeper for G. P. Weaklen & Co., is now in Texas in government employ.

Oliver J. Parker of the Scobie & Parker Co., and family have gone to Los Angeles, Cal., to stay until October.

Alfred Reineman, recently with B. H. Farr, Wyomissing, is a recent addition to the landscape department of the A. W. Smith Co.

Harry Manke, who for some time has been with the Liberty Florists, East Liberty, has changed to the establishment of Harry J. Hamm, Homewood.

After a several days' furlough William J. Ferguson returns to Camp Hancock, Atlanta, Georgia, where he is a commissioned mess sergeant. Prior to entering government service, Mr. Ferguson was engaged in landscape work in Cleveland, Ohio.

Spiro Kapps, who has been a patient at the Columbia Hospital, Wilkesburg, has sufficiently recovered to return home. Mr. Kapps is manager of M. Kronis' flower shop, East Liberty station. Here Samuel Conomon has just been transferred from the same proprietor's Alpha Flower Shop.

CHICAGO.

If the plantsmen did not have a good Easter business it was not because of lack of customers. Everything was sold out clean days before.

Ed Hunt, of the Chicago Flower Growers' Association, has been accepted and expects soon to be called to train for the great war.

"Billy" Wolf has in his new store on Monroe street a very attractive little place. He was several years with A. Lange and has many friends in the trade.

Fred J. Walfram, a Chicago young man but for the past six months with the Alpha Floral Co. of Kansas City, Mo., is in the city on his way to Detroit, where he expects to locate.

The umbrella-shaped rose plants are shown in some of the retailers' windows with trunks twined with ribbon and festoons hanging from the branches. They give the effect of a shower bouquet.

Aug. Koch, of the West Side Parks, has been invited to speak before the Chicago Women's Club this week on the subject of Harvesting and Stowing the crops. This club is one of the largest in the city.

Fritz Bahr, well-known florist of Highland Park, was summoned to appear before a federal investigator to answer to the charge of rejoicing over the capture of 12,000 British troops during the German drive last week.

The stock of rhododendrons and other plants which reached New York on the Nieuw Amsterdam a month ago included many for Chicago. Some arrived a week ago and some are just now coming, having been all this time in transit between here and New York.

The plant situation here differed from that of previous Easters in the two important items, Azalea indica and Elies. The stock of Azalea indica consisted of plants carried over from last year and their size and perfect flowering was noticeable. The small-flowering Japanese varieties sold better this year because of the scarcity of the indica. They were well flowered and attractive, but not to be compared with the other. Lily growers have had much to contend with and the general result is lilies too early and too late, lilies short and lilies tall and prices distinctly corresponding. All fancy lilies whether cut or on plants are selling for 12½ and 15 cents while the shorts sell at 6 cents.

Rhododendrons were in the same class as azaleas, the only stock being a limited supply from Cottage Gardens, but the quality was very fine indeed. In rose plants, the Tausendschoen, Lady Gay and Dorothy Perkins, in large sizes and trained in fancy shapes, were in fairly good supply and there was also a good stock

The 1st of May
Thrift Stamp Day
In The U. S. A.

The Active Co-operation of
Every Reader of

HORTICULTURE

Is Urgently Requested To
Make It A Success

May 1st, 1918, will be observed throughout the United States as Thrift Stamp Day! On that day retail stores everywhere in every line of business will ask customers to take part of their change in Thrift Stamps! It will be patriotic for every man, woman and child to accept at least one Thrift Stamp as change on every purchase made that day and to make as many purchases as possible on May 1st.

Here is a big, practical way of getting millions of Thrift Stamps into the hands of the people of the United States, and of insuring the success of the Government's War Savings Stamps campaign. Thrift Stamp Day will help everyone. It will prove a tremendous boost to business. On May 1st, 1918, the nation should do the biggest total retail business of any single day in our history! The beneficial habit of Thrift will be sown broadcast among the citizens of the U. S. A.! Most important of all, Uncle Sam will be furnished with the sinews of War and Victory!

American business must go "over the top" at once in a quick drive to make Thrift Stamp Day an overwhelming success. You wholesalers, you jobbers, you salesmen, must talk Thrift Stamp Day among your trade, arouse the enthusiasm of the retailers, the storekeepers, the clerks behind the counters. Uncle Sam needs your help. A practical plan has been prepared showing how each one of you can "do your bit" to make Thrift Stamp Day a red letter day in American business annals. Write for this plan today without fail. Remember, in helping Uncle Sam you are helping business and helping yourselves. Address Mr. W. Ward Smith, National War Savings Committee, 51 Chambers St., New York City.

NATIONAL WAR SAVINGS COMMITTEE

51 Chambers Street, New York City

of the Baby Rambler types. The hydrangeas made up in quality what they lacked in quantity. Bulbous plants were pretty well through. The sensation of the year is the yellow calla. It is sold quickly. Genistas and marguerites in small and specimen plants were prominent and there were many Primula obconica and malacoides. Plant growers sold out early.

ST. LOUIS.

Otto Sander has opened up a seed shrub and plant department in connection with his cut flower store.

Marion Uhlschmidt, manager at Grimm & Gorley's store on the other side of the river, departed prepared, as he stated, to take a position with Randall of Chicago. His books showed irregularities in the stock handled between the two stores, according to reports furnished by the firm, through the newspapers.



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WORCESTER, MASS.

Charles Walters, of West Roxbury, Mass., has been appointed assistant director of the Worcester parks and playgrounds by the commission. Mr. Walters was formerly employed in the Boston parks. He will have charge of the parks here as assistant to Thomas E. Holland, who will give his attention chiefly to the playgrounds. Herman Adams, connected with the Worcester parks for nine years, was placed in charge of the tree work as successor to City Forester Harold J. Neale.

Early in the season H. F. A. Lange closed down a large range of greenhouses on account of the fuel scarcity. What then appeared to be a most regrettable state of affairs has turned out to be a "blessing in disguise," for the weekly saving in labor and coal during the winter has aggregated a very large amount, far exceeding what it has cost to keep their big flower store amply supplied from the wholesale markets with all the flowers needed. The greenhouses are now to be opened for the production of young vegetable plants for spring sales.

ROCHESTER, N. Y.

The Aster Flower Shop has an East-annex at Main and Franklin streets.

Joe Werdein, who had been with H. E. Wilson for six years, has accepted a position with the Semington Co., to "do his bit" in the ammunition factory.

Farmington, Conn.—Leon Becker, who is to have charge of the Haworth greenhouses, has moved his family from Jersey City, N. J. John Ward, who recently accepted a position as gardener in Windsor, will move to that town April 1.

WANTS, FOR SALE, Etc.

FOR SALE

GREENHOUSES FOR SALE.

Two 15 x 90 ft.; one 15 x 75 ft.; one 17 x 64 ft.; stocked with violets and one small Propagating House. Three acres choice land. House of 8 rooms and bath. Electric lights, city water, hot water heat for all. Price \$5,500, worth \$8,000. Located at Westboro, 12 miles from Worcester, Mass., on electric line. Apply to ARTHUR GEORGE, Florist, Westboro, Mass.

HELP WANTED

WANTED—An assistant Orchid grower. State experience and wages in application. W. J. & M. S. VESEY, Fort Wayne, Ind.

A SIMPLE DEVICE FOR SCARING BIRDS.

A relative of mine who was a very keen naturalist always used a simple but little-known device for keeping birds away from peas, etc. Suspend a length of crimson worsted along each row, fastened to a small stake at either end, and no bird will venture near. Many gardeners rig up elaborate devices of paper or rags, or thread intricate patterns with twine over their seeds. Let them try this dodge, which is just as effectual and much less trouble. The color is the point; birds dislike it.

—T. W. H. in *The Garden*.

The American Institute of the City of New York, and The American Dahlia Society will hold an exhibition of Dahlias, September 24th to 26th, 1918. Also, The American Institute of the City of New York, and The Chrysanthemum Society of America will hold

Cambridge

New York



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Manufacturers of ALL STYLES and
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FLOWER POTS

A. H. HEWS & CO., INC.
 Cambridge, Mass.

an exhibition of Chrysanthemums, November 6th to 8th, 1918. Both shows will be held in the Engineering Society Building, No. 25 to 33 West 39th Street, New York, N. Y. For schedule of prizes address to W. A. Eagleson, Secretary, Board of Managers, 324 West 23rd St., N. Y.

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Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 post-paid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

GOOD RETURNS WITHOUT THE COST OF COAL.

WITHIN THE REACH OF EVERY GROWER.

PLANT EARLY CHRYSANTHEMUMS.

Such as will mature before the last of October. We are booking orders for delivery now or later as desired. Complete list of the best early, both Pompons and large flowering supplied upon request. If our 1918 Trade List has not reached you, ask for it.

ELMER D. SMITH & CO., Adrian, Mich.

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Peony Dahlia Mrs. Frederick Grinnell.
 Stock For Sale.
 JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newent, Hantsdown, East. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

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CENTRAL GLADIOLUS GARDENS.
 JELLE ROOS, MILTON, MASS.

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Paper Pots and Dirt Bands. Send for Samples and Prices. F. W. ROCHELLE & SONS, Box 65, Chester, N. J.

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Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

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Strawberry Plants. Money making varieties. Catalogue Free. BASIL PERRY, Georgetown, Delaware.

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Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

WIRE WORK

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Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard insecticide will prevent ravages on your crops by insects.

Non poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses. Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/2 Pint, 50c.; Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

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CONCENTRATED PULVERIZED
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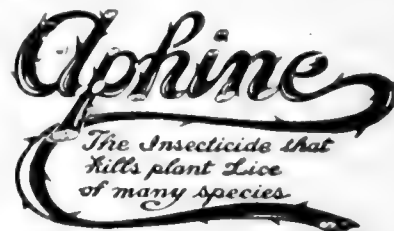
The Bulletin of the Dahlia Society of California, Vol. I, No. 3, contains a full text of the members, also some very interesting cultural and news notes. F. C. Burns, San Rafael, Cal., is the secretary.

The Massachusetts Agricultural Experiment Station has distributed an elaborate Bulletin (No. 179) on the Greenhouse Red Spider attacking Cucumbers and Methods for its Control, by Stuart C. Vinal. Requests for bulletins should be addressed to the Agricultural Experiment Station, Amherst, Mass.

We have received through the courtesy of J. R. Ikagami, San Francisco, Cal., a copy of a valuable report on the Advancement of Japanese Horticulture between 1818 and 1913. Contributors to this historical volume are Dr. K. Tamare, M. A. C. Haritsuka, Dr. T. Ouda, Dr. K. Takahashi, Dr. Shirai, K. Ogawa, Dr. T. Minami, Dr. K. Haga, Dr. Kagami and others active in the development of horticulture in Japan. There are upwards of fifty superb full-page half-tone illustrations depicting gardens, scenery and horticultural products, which certainly are eye-openers for anyone who has never been privileged to visit the Flowery Kingdom. The book, which contains 659 pages, is published by the Japanese Horticulture Invested Society in Tokio, Japan.

The Journal of the International Garden Club, Vol. II, No. 1, for March, 1918, is a most noteworthy and instructive volume of 160 pages and the series of which it is a part cannot fail to exercise a wide and salutary influence upon horticultural development in America. There are chapters on the following topics: Lilies by Arthur Herrington; Growing Vegetables for the French Army; Medicinal Herbs by E. M. Holmes; The Propagation of Medicinal Plants by Fred. A. Miller; Notes on Cotoneaster by John Dunbar; Why a Garden? by Ralph Rodney Root; Artificial Manures for Roses, by Richard W. Woosnam; Rose Perfumes, by Rev. Joseph H. Pemberton; Forcing Native Plants by H. Ernest Downer; Two Letters from E. H. Wilson on the Vegetation of Korea; Prairie Plants for the Garden, by H. S. Conard. Many fine illustrations are given in connection with the text matter.

Home Vegetable Gardening from A to Z, by Adolph Kruhm of the Garden Magazine. Published by Doubleday Page & Co. A book primarily for the amateur but not to be overlooked by the professional growers who can find much of technical value in its well written chapters. "No expense has been spared," the publishers tell us, "to make this book in every way the last word for the millions who want to make this year's garden a bigger, surer patriotic success." Mr. Kruhm has filled the bill to perfection with a worthy and very timely volume. The upper half of most of the pages is devoted to pictures illustrating the text and showing how the various garden operations should be done, from photographs taken by the author during the past ten years. There are also thirty-two full-page pictures in color showing



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Augusta, Ga.—Louis A. Berckmans and P. J. A. Berckmans, Jr., announce their retirement from a generation of relation to the nursery business to engage as consulting horticulturists to all who need expert advice in relation to the cultivation and upkeep of orchards, private grounds and parks. They are also prepared to discuss pruning, spraying, the control of plant diseases and kindred subjects from the standpoint of long and successful practice.

In connection with the foregoing we are in receipt of a notice to the effect that P. J. Berckmans Company, incorporated, have applied for a receivership on account of the expiration of their charter, which would occur Tuesday, March 12th, and L. A. Berckmans has been appointed receiver of the company. The receivership is, of course, not due to the result of any insolvency whatever, but is a legal action made necessary by circumstances surrounding the organization of the corporation at this time, and the receivership will be empowered to close out the business and distribute the assets among the stockholders of the company, composed of Mrs. Edith F. Berckmans, P. J. A. Berckmans, L. A. Berckmans and R. C. Berckmans. The whole proceedings are designed to simply technically handle all the details connected with the distributing of the interests of the stockholders.

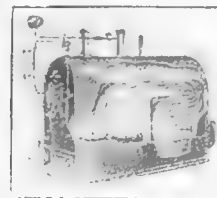
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Vol. XXVII
No. 14
APRIL 6
1918

HORTICULTURE



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Exhibition Mixed	20.00	15.00
Garden Mixed	16.00	12.00

CANNAS

	Home Grown Fresh Cut Dox.	100
Beacon	\$0.75	\$6.00
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Meteor60	5.00
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VEGETABLE CULTURE

CONDUCTED BY



Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Crop Rotation

Rotation of crops is deemed by the best authorities as highly important in vegetable gardening; but just why this becomes a necessity is perhaps more difficult to explain than to urge the advisability of the practice. For is it not possible to have two distinct plants varying but little in chemical constitution and yet one might fail on ground where the other would thrive? The subject then at once presents complications beyond ordinary comprehension, and yet it is a well acknowledged fact among gardeners that plants of the same natural order should not be repeatedly planted on the same ground year after year. Potatoes and cabbage, for instance, two of the most important crops, rarely do well planted on the same ground in successive years unless interposed by a cover crop or some other crop occupying the ground for a short time but by which the soil is taxed for different elements. A safe system to adopt is one which includes both chemical and mechanical changes, i. e., to alternate as far as possible tap roots with vegetables of a surface rooting nature. Crops which occupy the ground during spring and early summer should be followed by later kinds. Ground now destined to carry peas, early beets, spinach, lettuce, etc., may be later planted to celery, late cabbage, cauliflower or rutabagas. To get the very best out of the garden requires careful planning and forethought but it is safe to say that in all well-ordered gardens there is seldom a vacant plot during the growing season.

Cabbage

On account of its very accommodating nature this vegetable vies with potato for pre-eminence in public demand. Although of greater importance perhaps as a crop for putting in storage for use during winter, it also has claim to a place among the earliest of green vegetables and if the supply should prove greater than the demand for table use two or three courses are always open for the disposal of surplus stock. Either sell, give, feed to chickens or pigs, or else dig the stuff under to make manure for the next crop. Plants raised from sowings made in February or early March should now be in cold frames hardening off prior to planting in the open ground when the weather becomes settled. Even though it may be admitted that the cabbage will grow almost anywhere and in any soil, the crop always repays a little care in cultivation. A good rich soil is necessary to promote a quick growth and this is particularly essential in the case of spring plantations. If grown steadily in the early stages and properly hardened before transplanting to the open ground young plants withstand several degrees of frost without injury, while the soft growth of plants grown in a too high temperature readily suffers the result of a cold snap. Club-root is the worst disease of the brassica family and while there is no direct remedy or preventive known, the plague may be fought indirectly. Change of ground, immediate destruction of all affected plants by burning, deep plowing, liberal manuring, and a dressing of lime applied at the rate of from 50 to 75 bushels per acre on soils known to be affected will do much toward a

remedy. Lime not only acts as a deterrent of the disease but almost invariably improves fertility. The most virulent insect pest is the cabbage root maggot. This maggot is the larva of a fly which strongly resembles the common house fly and usually appears early in May. The female fly deposits her eggs in the soil near the stem of the plant and in a few days the eggs hatch and the resultant maggots feeding upon the root of the plant soon kill it. Frequent drenchings of tobacco water to the roots during the brief hatching season is the best remedy we know of. Seed beds affected with this pest may be treated with carbon-bisulphide. A thimbleful of this volatile poison poured into holes a foot apart each way over affected areas will make short work of the maggots. The holes must be closed as soon as the injection of poison is made.

Cauliflower

The demand for this excellent vegetable is always equal to the supply, and while not generally so hardy as the cabbage, cauliflower nevertheless revels in cool treatment. Young plants require to be grown on uninterruptedly and when strong enough should be planted on ground in a state of highest cultivation. Half-rotten manure rich in manurial properties is far better than that which is so far decayed as to present the appearance of humus. From the middle of April onward is the time to start outside planting but in northern districts planting this early should not be attempted unless protection can be given. Inverted six-inch pots afford a cheap and ready means of protection during spells of frost and cutting winds.

A Sample Rock Garden in Glenside, Pa.

The cover illustration of this issue gives a partial view of an attempt of Richard Rothe to demonstrate the character and the beauty of a rockery to the general public within his locality. In full view of a lively traffic on two leading highways it is needless to say that, particularly during the height of its vernal glory, this exhibition of a coming feature on many American home-grounds attracts considerable attention. Mr. Rothe is well known to the readers of HORTICULTURE as an ardent advocate and a firm believer in rock gardens. Our picture conveys his idea and the effect of his object when built on a slope of moderate grade. Object lessons of this kind for the purpose of educating ingenious and self-active amateurs is what is needed at the present time. The rock garden abroad at its very best frequently being the personal affair of its owner, the studio of the nature and plant lover—indications point to similar developments at home. Early guidance by the professional craftsman will prevent many disappointments apt to check the enthusiasm of the prospective beginner. As a matter of fact, so far, the majority of rock garden enthusiasts calling at Glenside, Pa., were amateurs looking for information with a view of eventually venturing into rockery building themselves.

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Unfortunate and misleading

In the multitudinous federal and state bulletins and other agricultural publications this spring farmers are being admonished to test for germination before sowing, all seeds of their own saving and to buy no seeds that do not carry a certificate of having been so tested. This is good advice, of course, but when coupled, as it is in many instances, with a warning against the seedsmen as likely to impose upon the farmer by giving him seed several years old or otherwise of inferior quality, it conveys an insinuation which is most unfortunate, to say the least, in that it tends to beget a nation-wide distrust of the seed trade in general.

There is much that might profitably be imparted to the farmer and the gardening public in the way of in-

formation as to seed production and the true basis of seed value, of which germinating qualities constitute but a part, and it is in the province of the government bureaus and educational institutions to disseminate this much needed instruction, but this does not carry with it the duty or the right of sowing the seeds of vilification and suspicion against the men who are engaged in this most vital of all the world's industries and who, as a rule are the peers in probity and business morality of those employed in any other work.

No seedsman can hope to continue long in business if he is not selling good seeds. The bases of quality To do otherwise is to court business ruin.

The seedsman is not unlike the physician; good results must follow his efforts or he will soon become discredited and lose his clients—and he knows it. It should be borne in mind by those who are ever watching for some iniquity to fasten upon the seedsman, that the seedsman does not manufacture seeds but must take them as they are produced by the joint agency of the grower and Nature's unseen and intricate processes, and can no more give assurance as to their eventual attainments under cultivation good or bad, than the doctor can guarantee that a twelve-pound baby will or will not develop into as robust physical manhood or intellectual superiority as a nine-pound youngster. Innate characteristics are beyond his ken and neither the cultural care nor ultimate results are within his control.

It is not necessary to remind most of the readers of HORTICULTURE that high germinative power does not go very far as a factor in desirable seed quality of many of the most important crops, but one might infer from some of the literature that has come to our attention that this quality overtopped all other considerations, while every seedsman has learned that viability is quite likely to run in inverse ratio to quality and indicate a reversion from highly bred strains. We might instance Italian cauliflower seed which is decidedly superior in color, shape and weight, as well as of somewhat higher vitality, as compared with the Danish seed, but the latter will give ninety to one hundred per cent of heads while the Italian may produce perhaps ten to fifteen per cent. Golden Self Blanching celery from seed produced in France, compared with that from California-grown seed, is white, solid and high flavored while the latter is apt to be largely green, hollow-stemmed and stringy, yet the French seed is of much weaker vitality. Onion seed grown successively for a few years in California loses its high standard of quality and the seed growers there have got to come back east, periodically, to get stock from which to regenerate their own. The Agricultural Department has found it necessary to import from the country of the Black Sea the hard flinty wheats to reinvigorate the stock of the farmers in the Dakotas and other great wheat producing areas of our country—and so we might go on, multiplying examples. The seed trade has its job cut out for it this year, with the embarrassing shortage, insatiable demand for many essential things and chaotic condition as to market values, but as we close these lines a letter comes to us from one of the leading seed houses of this country in which the writer says, "As seedsmen we are having our troubles but how slight they are as compared with those good souls, men and boys, who are doing so much more for their country than we are." "Last year we became a nation of gardeners," it is said with considerable truth. The seedsman is doing his level best under the circumstances and it would be only fair to accord to him the consideration and recognition which is his due.

LETTERS FROM AN OLD TO A YOUNG GARDENER

Co-operation in Horticultural Experiments

I suggest that you form a Society for Cooperation in Horticultural Experiments. This year gardeners on private estates will be expected to plant more vegetable seeds to increase the supply of food for home use. These men must be acute observers or they would lose their positions. Therefore if they would cooperate in trying the same experiments, we should have a large body of trained men whose results if published each fall in *HORTICULTURE*, would furnish data that when coordinated would be of first-class value in horticulture. For this season I suggest two experiments, both of which have one object in common, namely, to discover means of shortening the period of infancy, as this is the time when plants are most subject to malign influences. The importance of the matter has been well shown in the celebrated Swedish experiments made with grains to hurry them through the period when the attacks of the frit fly are fatal. The first experiment is to test the value of soaking seeds in a weak solution of nitrate of soda. The second, to determine whether it is desirable

to add to the natural radioactivity of soil by the use of radioactive substances. The experiments of this kind are not numerous and the results are contradictory. Thorium oxide could be used or finely ground carnotite before being treated to remove the radium. I found this mineral after such treatment useless in my garden though highly recommended. I suggest taking a small part of each kind of seed that will be planted in the garden and dividing it into three parts. Soak two of them in the nitrate solution, planting one part in the ordinary garden soil, the other in the radioactive earth. Place the third lot, untreated, in radioactive earth. The controls in each case will be furnished by the main plantings.

William Rollins

Boston.

A CALL TO ACTION

By Joseph J. Lane, of *Garden Magazine* and *Country Life*.

In a recent issue of *HORTICULTURE* it was a pleasure for the writer to present some thoughts under the heading "Concrete Suggestions for a National Co-operative Business Building Campaign for Nurserymen." It is gratifying to report now, that a body of nurserymen elected themselves to carry out the plan suggested in outline under the title of "A Co-operative Campaign to Create New Business for Nurserymen."

Let us give thanks.

And then—let us proceed to further suggestions, for I believe that the time is right here for us all to put our shoulders to the wheel that the big broad plan of creating more business for all, by co-operating individually to the fullest extent of our abilities, be furthered with the greatest degree of success and rapidity.

Time is short. Life is only a span of years. Today is the only time we have—these twenty-four hours which God has given us to use to the fullest. Let us be active. Let us not delay.

You are a partner in any plan that means bigger business for nurserymen—because bigger business for nurserymen means bigger business for you. I'll tell you how.

Let us assume the present campaign for funds rolls up a working capital sufficient to start the work of broadening the appreciation of the general public of things horticultural. Magazines and newspapers begin to look upon nurserymen as real live business men, progressive and aggressive. The bulletins to the press preaching the gospel of an "America Beautiful" have begun to appear in publications of broad circulation, and advertisements of nurserymen keep pace with

the endeavor to cultivate a desire for gardens and grounds of individual beauty and naturalness. And—more of the same sort. Advertisements over the name of the subscribers to the fund appear in class publications preaching the value of factory planting, the restful and financial values of a real planting around the home, the need and results of fruit planting on the home grounds, etc., etc.

What is the result? First, the nurserymen themselves by collectively appealing to the public in a propaganda to foster a deeper and finer appreciation of horticulture, are ennobled and drawn together for the common good. Trade differences, narrowness and selfish competition give way to the millennium of ceaseless co-operation and unified effort along constructive and creative lines that all may be benefited. And let me say here, that if no other benefit than this came from the expenditure, it would repay every participant a thousand fold.

The public begins to sense the need of nature in their lives. The inherent desire for beauty and soul-strength that lives in all of us is brought to a point of action. By creating a deeper appreciation in the public mind of the service nurserymen render, nurserymen as a group gain confidence in their occupation and pride in their calling. Instead of remaining individual enthusiasts, they become a group having a noble ideal—the creation of an "America Beautiful." And increased business begins to come to each of them. Mass publicity has effectiveness that individual propaganda never dreamt of.

The National Campaign of Public

Education of the value of natural beauty in the lives of our people gathers momentum, and lectures begin to spread the gospel under associated direction. People hitherto prone to scorn a salesman of flowers or nursery products, find invitations in their morning's mail to come and help clients prepare planting lists.

And if you do business in allied lines, here is where you come in. Increasing planting of nursery products has as its fundamental thought the creation of a greater appreciation on the part of the American public of the benefits of garden activity. Every new enthusiast for gardens means a customer for you. Fertilizer, insecticides, spraying machinery, tools, implements, tractors, greenhouses, etc., without end.

Every branch of the horticultural industry will be benefited. Will you help in securing the result? The nurserymen's fund is the means. You are invited to participate.

We want \$50,000 a year for five years, subscribed by May 1.

Talk has been used—words have been spent. Now is the time for you to act. Money is needed. Ideas are needed. One gives birth to the other.

You have read the announcements in your trade papers and letters to you from the committee of nurserymen who have set about gathering the fund. Let this be your call to action. You are elected to share in the benefits. Why not share in the program that will gain those benefits? As we contribute to the fund individually, just in that proportion will results of a satisfying nature individually be achieved collectively.

This is our call. Are you willing to do your share? Speak up. Now.

AMERICAN ROSE SOCIETY

Work on the Convention Garden at Elizabeth Park, Hartford, Conn., is now well under way. The beds which were prepared last fall are now in perfect condition for planting. The first appeal of the committee made at that time brought out numerous exhibits, and sufficient material is available to plant fully two-thirds of the space now allotted.

The Convention Garden will be located at the south end of Hartford's famous Rose Garden, and is laid out to form a permanent wing of the original plan. If sufficient material will be available, this section can be duplicated at the north end of the Rose Garden, thus doubling the available area and forming a greatly enlarged and perfectly balanced rose garden which will not only reflect credit on the American Rose Society, as a body, for years to come, but one which the city of Hartford will maintain with added pride.

The Hartford Rose Garden has done much in establishing the rose as "A Bush for Every Garden" in the American home, and it is doubtful if better culture is obtained in any public garden. Exhibitors may rest assured that their stock will receive careful attention and that a creditable showing will result.

A Final Appeal!

Rose Growers, Members of the American Rose Society, and All Rose Lovers:

Let us unite to make this Convention Garden one of the big events in the annals of this society. Let us make this contribution to the Elizabeth Park Rose Garden one that will convince Hartford and its thousands of visiting rose lovers that this society is a live one and is accomplishing real good in the advance of the culture of the rose. If you are a grower or a dealer, send enough plants of any new rose, be it Climber, Baby Rambler, Hybrid Perpetual, Hybrid Tea, or any bush rose, to complete a bed. Inasmuch as the original Rose Garden is devoted largely to Hybrid Perpetual roses, good Hybrid Tea varieties, old or new, can be planted most extensively, but space will be allotted to roses of any type. Members of the American Rose Society or any rose lover may be represented by securing enough stock of a favorite variety to complete a bed. Conditions under which varieties are planted are as follows:

The Department of Public Parks, Hartford, will provide space and take charge of exhibits without charge. The donors' names will appear on uniform signs furnished by the Park Department and will remain there for two years. After that, the stock will be at the disposal of the Park Department—to remain as planted or to be disposed of, if not fully desirable. This means good advertising for the exhibitor and for the new garden on the whole, and a big boost in the advancement of the rose.

The committee will be glad to hear from prospective donors, sending a

list of what varieties and quantities are available, and space will be promptly reserved. Address Alex. Cumming, Jr., Cromwell, Conn.

Committee: Wallace R. Pierson, Cromwell, Conn.; John E. Huss, Hartford, Conn.; Alex. Cumming, Jr., Cromwell, Conn.

Rose Registrations.

The following requests have been received for registration of roses and these have been approved by the Rose Registration Committee. Unless objections are received within three weeks from the date of this publication, the registrations will be permanently accepted:

Name, "Victory." Class, Hybrid Wichuraiana; parentage, Dr. Wm. VanFleet × Mad. Jules Grolez.

Description: Habit of plant—climbing; character of foliage—Dr. Wm. VanFleet foliage; freedom of growth—very vigorous; hardiness—perfectly hardy; flower—double, $3\frac{1}{2}$ " in diameter; color—deep pink, darker in centre; form—centre projecting, medium long, round; fragrance—quite fragrant; bud—pointed but rather round; petalage—48 petals, curved, stiff; freedom of bloom—very profuse in June; may bloom later; Lasting quality—on bush one week; when cut buds retain shape until faded.

The rose is similar to Mad. Jules Grolez and Dr. Wm. VanFleet but is different in color, fragrance and petalage and superior for the following reason:

To VanFleet. (1) color is darker; (2) rose is more double; (3) petals are stiffer; (4) rose lasts much longer.

To Mad. Jules Grolez: (1) more vigorous grower; (2) free from disease; (3) longer stems for cut flowers; (4) glossy foliage all summer.

(Signed)

FREDERICK R. M. UNDRITZ.

Name "Freedom" (The Climbing White American Beauty); class—Hybrid Wichuraiana; parentage—Silver Moon × Kaiserin Augusta Victoria.

Description: Habit of plant—climbing; character of foliage—Silver Moon foliage; freedom of growth—very vigorous; hardiness—perfectly hardy; flower—very double, over 4" in diameter; color—white, base petals tinted cream, centre yellow; form—centre projecting; medium long; fragrance—Silver Moon fragrance; bud—pointed and firm; petalage—75 petals, curved, stiff and erect; freedom of bloom—profuse in June; may bloom later; lasting quality on bush about eight days.

The rose is similar to Kaiserin Augusta Victoria but is different in petalage and form and superior for the following reasons: (1) more hardy; (2) disease-resistant; (3) the rose lasts longer; (4) more vigorous grower; (5) much better bloomer.

Better than Silver Moon because: (1) it is much more double; (2) better cut flower (1 flower to a branch); (3) typical climbing White American Beauty.

(Signed)

FREDERICK R. M. UNDRITZ.

Names—"Mrs. E. T. Stotesbury." Class—Hybrid Tea. Parentage—seedling of Jos. Hill and Maryland crossed on Milady.

Description: Habit—throws off lateral shoots from the bud ranging from 12" to 18"; character of foliage—large, dark, glossy foliage; freedom of growth and hardiness—very free, strong and vigorous; flower—large, does not bruise; color—light pink, shaded in darker pink; form—large, full flower, opening wide; fragrance and bud—spicy fragrance, long bud; petalage—32 petal average; freedom of bloom and lasting quality—very free; good keeper.

The rose is similar to Shawyer, but is different in color, foliage and growth and superior for the following reasons; it is more free, stronger and has a heavier flower.

(Signed) EDWARD TOWILL,

E. A. WHITE, Secy.

A GREENHOUSE AT TSINGTAU



Tsingtau is in a province of China at present under Japanese protection. The Japanese are reported to be exercising not only military, but civil authority in the town, a course which has aroused considerable resentment and disorder there.

THE PUBLICITY CAMPAIGN

The Promotion Bureau feels somewhat elated over the manner in which florists throughout the country have co-operated with the Bureau service in the effort to direct the publicity secured through the national magazine advertising to their own establishments. Hundreds of electrotyped newspaper advertisements appealing for Easter trade have been sent out, and their use, as evidenced by the clippings received, has been timely, and well planned. The electrotypes featured as nearly as possible the magazine Easter advertisements appearing in the Woman's Home Companion and Literary Digest, which together reach nearly two million homes suggesting flower buying expectancies. The Promotion Bureau can do a great deal for the many, but it is quite obvious that the individual must, either through direct advertising or newspaper aid, look out for himself if he wants the maximum benefit of this publicity. That is why this electrotyping service was instituted—it identifies an establishment with this national publicity, and links up his local effort with the national effort.

For "Movie" Service.

The Bureau has received a good many inquiries for a service of lantern slides for projection in moving picture theatres, and in response to this demand it has produced a set of four, in

colors, which feature as nearly as possible the magazine advertisements, and each slide carries the name and address of the florist projecting it. These slides are to be sent out at the price of \$2.00 for the set, postpaid and safe arrival guaranteed. The titles are: "Mother's Day," "Beautifying the Home," "On Her Birthday," and "The Wedding," and their issue is concurrent with the appearance of the advertisements in the magazines.

Glass Signs and Transfer Signs.

All orders received so far for the glass sign "Say It With Flowers" have been filled, as well as the decalcomanie signs of the same slogan. Orders for decalcomanie signs can now be filled from stock on hand. The manufacturers of all these signs have been seriously handicapped in the fulfillment of orders through conditions now generally prevailing, but the Bureau has made the best deliveries possible under the circumstances.

Stickers in Colors

The Bureau has arranged to supply gummed labels, or "stickers," which are miniature reproductions, in colors, of the slogan, "Say It With Flowers." These are for use on boxes, packages, stationery, and in other ways to keep the slogan before the public. They will be available in sizes, 2, 4 and 6 inches long.

fill out and return, giving information as to the character of their exhibits and the approximate space required. The information so received from all growers will be compiled and a plan prepared and sent to all applicants, giving further detail information as to space available, conditions and price. The object of this preliminary inquiry is to find out the number of exhibitors and the approximate space required. Prompt replies will guide us, facilitate our work and assure success in this undertaking.

THEODORE WIRTH, PHILIP BREITMEYER,
CLARENCE L. BROCK, Committee on
Convention Garden.

CHICAGO FLORISTS' CLUB.

ADVERTISING COMMITTEE.

The great success of the co-operative Mother's Day advertising campaign, conducted by this organization, brought many requests from the florists of this country, and in response same will be again undertaken this year upon a national scale for the welfare of the trade at large.

Stamps and posters will be offered at last season's prices. In case any profits are derived from the sale of these stamps and posters, the Chicago Florists' Club will immediately transfer fifty per cent. of the net proceeds to the Society of American Florists as a country-wide contribution to the National Publicity Campaign for Flowers, and the remainder will be reserved for future publicity purposes.

The Subscription List.

Probably due to the Easter rush, subscriptions have been rather slow in the last ten days. The Bureau has published in booklet form a list of the subscribers to the Publicity Campaign Fund arranged by States, and it furnishes some interesting statistics. The following is a synopsis:

S. A. F. & O. H., \$5,000. Florists' Telegraph Delivery Association, \$2,500. Alabama, 2, \$30; Arkansas, 1, \$5; California, 5, \$296; Canada, 9, \$163; Colorado, 27, \$321; Connecticut, 35, \$2,070; District of Columbia, 3, \$130; Delaware, 1, \$5; Florida, 2, \$60; Georgia, 11, \$95; Kansas, 5, \$50.50; Kentucky, 2, \$7; Idaho, 1, \$5; Illinois, 84, \$3,073.50; Indiana, 23, \$323; Iowa, 19, \$270; Louisiana, 5, \$25; Maryland, 22, \$388; Maine, 4, \$45; Montana, 3, \$7; Massachusetts, 35, \$1,222; Michigan, 23, \$1,076.50; Minnesota, 9, \$95; Missouri, 29, \$1,095; Nebraska, 14, \$447.50; New Hampshire, 2, \$20; New Jersey, 32, \$1,281; New York, 135, \$6,506; North Dakota, 3, \$25; North Carolina, 6, \$148; Ohio, 49, \$1,387; Oklahoma, 6, \$90; Oregon, 15, \$117.50; Pennsylvania, 60, \$3,119; Rhode Island, 3, \$13; South Carolina, 3, \$55; South Dakota, 3, \$20; Tennessee, 2, \$75; Texas, 24, \$395; Utah, 3, \$45; Vermont, 3, \$13; Virginia, 3, \$40; Washington, 12, \$100; West Virginia, 5, \$125; Wisconsin, 11, \$238; Wyoming, 2, \$15.

It is obvious that the local committees in some of the States have done some active work. But why wait for approaches by local organizations? The fund is wide open; can anyone interested in his own welfare afford to stand aloof?

JOHN YOUNG, Secy.

1170 Broadway, New York.

THE DETROIT CONVENTION GARDEN.

The principal reason for selecting the Convention City for our National Society two years in advance is to gain the time necessary to prepare and plant the Convention Garden and to give the hardy plant exhibits two seasons' growth before the Convention.

Detroit, our 1919 Convention City, offers great inducements for a successful Convention Garden. Arrangements have been made with the Fair Ground authorities for the necessary grounds next to the Convention and Trade Exhibition buildings, and the Garden will be under the competent management and supervision of William Dillger, former superintendent of Belle Isle Park. In order to enable the committee and management to prepare plans and grounds it is necessary for us to know how many growers will avail themselves of the opportunity to place exhibits in this Garden.

The price of space rental will be governed by the total space taken, and will not exceed ten cents per square foot for bedding plants to be planted in the spring of 1919, and five cents per square foot for hardy plants, trees, shrubs, evergreens, perennials, etc., to be planted this spring and fall. The rental price may be less and will be established by the Executive Board of the Society at its next meeting. Blanks have been provided which intending exhibitors are requested to

Buy a quantity of these stamps and posters at once. Combine your order with your neighbor florists and obtain the quantity rate. This will reduce the cost, and thereby also insure an organized campaign of advertising for your entire community.

Send names and addresses and list of stamps and posters wanted by every florist in your city, and we will make delivery direct without extra charge. Get busy, telephone your brother florists; it will help your business and theirs.

The stamps can be used to very good advantage by florists on their April and May statements, and many other uses for same are suggested on our circular and price list.

Everyone in the trade will use these stamps and posters this season. Do likewise. This is your opportunity. It will identify your business with the National Campaign at small cost, and with the benefits obtained you will be well rewarded.

F. LAUTENSCHLAGER,

Chairman.

GEO. ASMUS,

MICHAEL BARKER,

Committee.

Hudson, N. Y.—William Allen, who was for some years head florist at the Allen greenhouses in this city, and who now has charge of the large greenhouses on the Emmons Farms at Oneonta, has enlisted in a Canadian regiment.

THINGS TIMELY AND IMPORTANT.

Before the
study at

Things
Now, some
are out of
joint, and things are all "out of
whack," but I believe that I would
leave war talk and the abominable
weather out of this talk entirely and
say a word or two on "Cooperation
and Individual Concentrated Effort."
To my mind, one of the greatest as-
sets we have today is cooperation.
There is no line of business which
admits of a wider range of improve-
ment; more study, or has a wider hor-
izon than the business represented
here today, and no man can afford to
set at naught the opportunity of im-
proving his prospects by rubbing up
against his fellow florists and getting
and giving as much as possible. I
am happy indeed to meet with my fel-
low florists and hope to get and give
something in the hours we spend to-
gether. We may cooperate in many
ways; some united work is already in
hand.

This annual convention is one of the
means of getting us all in touch so
that we can teach and learn from
each other to the continued better-
ment of the florist trade in our state.
We can cooperate by showing the ut-
most courtesy to the visits of other
florists to our places of business, and
to their inquiries for information by
mail. We can even offer a suggestion
to our neighboring florists as to the
best methods we have found in some
particular thing and we can cut out
any petty jealousy which we may have
imbibed, and become broadminded and
act broad with our fellows, for we can
easily prove that such policy will be-
get better business for ourselves, and
we will in return gain much more
than we can possibly give out. We
are now cooperating along the lines
of the F. T. D., and the move for a
National Advertising Campaign is ad-
mirable and should get the hearty
support of everybody.

A better day is coming when we,
through our annual gatherings, can be
brought together for a more thorough
interchange of thoughts and working
methods than any we have yet under-
taken, where experts will confer with
us on all-important subjects relating
to our trade. Could we have time we
might go into details about improved
store methods, city delivery and ship-
ping facilities. The best credit and
bookkeeping plans, the best construc-
tion and effective shipping and work-
ing houses, the legal side, safe and
economical insurance and many other
things which can best be worked out
by the large number interested, rather
than the individual, and save time,
labor and expense, and increase the
efficiency of our forces immensely.
But the concentrated individual ef-
fort is what is also necessary to in-
sure business. That florist who can
cut out war talks, be neither a pro-
nounced optimist nor pessimist, but
just plod along keeping his eyes open
and his mouth shut—that is, trying
to see everything which will make for
the advantage of the trade and not



LILIUM CANDIDUM AS A WOODLAND FEATURE, MT. DESERT NURSERIES.

prophesying nor complaining; he will
give his best to his business and his
business shall literally "Blossom as
the Rose." If things look a little dark
for us we must not worry nor stop our
efforts. It is well to ponder the say-
ing that "A good hen never stops
scratching because worms are scarce."
Now is a good time for all to pull to-
gether for better things and for each
to look carefully at his own business
to mark the weak spots and make
them strong again.

Meetings Next Week

Monday, April 8.

Gardeners' and Florists' Club of
Baltimore, Florists' Exchange Hall,
Baltimore, Md.

New York Florists' Club, Grand
Opera House, New York City.

Rochester Florists' Association,
95 Main St., East Rochester, N. Y.

Cincinnati Florists' Society, Hotel
Gibson, Cincinnati, O.

Tuesday, April 9.

Newport Horticultural Society,
Newport, R. I.

Wednesday, April 10.

Cincinnati Florists' Society, Jabez
Elliott Flower Market, Cincinnati, O.
Dutchess County Horticultural
Society, Fallkill Bldg., Poughkeepsie,
N. Y.

Lenox Horticultural Society, Lenox,
Mass.

Morris County Florists' and Gar-
deners' Society, Madison, N. J.

Nassau County Horticultural So-
ciety, Pembroke Hall, Glen Cove,
N. Y.

Thursday, April 11.

Menlo Park Horticultural Society,
Menlo Park, Calif.

New London Horticultural Soci-
ety, Municipal Bldg., New London,
Conn.

Friday, April 12.

Connecticut Horticultural Society,
County Building, Hartford, Conn.

Westchester and Fairfield Horti-
cultural Society, Dorans Hall,
Greenwich, Conn.

Saturday, April 13.

Dobbs Ferry Gardeners' Associa-
tion, Dobbs Ferry, N. Y.

Obituary

Samuel L. Allen.

Samuel L. Allen, founder and senior
partner of S. L. Allen & Co., manufac-
turers of farm and garden imple-
ments, died in Miami, Florida, of heart
trouble, in his seventy-seventh year.
As inventor and manufacturer of agri-
cultural implements he had a world-
wide reputation. He was a prominent
member of the Society of Friends, trustee
of Haverford College, one of the
managers of the Frankford Asylum
and a contributor to many charities.
Mr. Allen's home was in Moorestown,
N. J., and he is survived by a widow,
three daughters and a son.

George Golding Kennedy

George Golden Kennedy, who of late
years had become widely known as a
New England botanist, died Sunday
night, March 31, at his home, Blue Hill
avenue, Milton, Mass., in his seventy-
seventh year. Mr. Kennedy was born
in Roxbury. For a number of years
he had devoted his time to botanical
research, being one of the founders of
the New England Botanical Club. He
was a member of the visiting commit-
tee of Gray's Herbarium at Harvard.
Last year he presented to Harvard an
herbarium, to the collection of which
he had devoted a long time.

John Jensen, grower and retailer in
West Philadelphia, says he had a splen-
did Easter and while short of some
items others sold so well that there
was nothing left finally. The volume
was perhaps not as large as last year
but there was no losses. Flamingo and
Prosperity were two of the best sellers
in the tulip family. These are high
priced sorts but it pays to grow them.
Make a note of this in placing your
orders for next season.

FARQUHAR'S HARDY PERENNIALS

For Spring Planting

Write for a copy of our Catalogue before ordering

R. & J. FARQUHAR & CO.

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NATIONAL ASSOCIATION OF GARDENERS.

The next gardeners' conference under the auspices of the National Association of Gardeners will be held in Boston on Thursday afternoon, April 18th. The program is now being worked out by the local committee and will be announced shortly.

At the request of the Nassau County, N. Y., Horticultural Society, attention is again directed to the following resolution introduced by it:

"A member of a horticultural society, removing to another locality, and being desirous of associating himself with the horticultural society in the locality to which he has gone, should become eligible to full membership therein if he is in good standing, without the payment of dues to the end of the fiscal year, and vice versa. In other words he would simply be transferred from one society to another without any extra monetary charge whatsoever."

The following societies adopted this resolution at the time it was submitted and it is now operative between them:

Nassau County, N. Y., Oyster Bay, N. Y., Southampton, N. Y., Dutchess County, N. Y., Tuxedo, N. Y., Westchester and Fairfield, Morris County, N. J., Connecticut, Rhode Island, Newport, Los Angeles, County, and Menlo Park, Cal., Horticultural societies; North Westchester, N. Y., Agricultural and Horticultural Society; New Jersey Floricultural Society; Paterson, N. J., Floricultural Society; Florists' and Gardeners' Club of Rhode Island; Gardeners' and Florists' Club of Boston (adopted by it without voting power until dues are paid in club), and Cincinnati Florists' Society.

Societies favoring this resolution, but who have not yet adopted it, can do so now, and advise the undersigned accordingly.

National Co-Operative Committee, National Association of Gardeners, M. C. EBEL, Sec'y, Madison, N. J.

NEWS NOTES

Reading, Pa.—The Mt. Penn Floral Company opened a special Easter salesroom for their plants and flowers at 244 North Ninth street.

Manchester, N. H.—William H. McQuade, state forestry inspector, has been appointed a member of the parks and playgrounds commission. His term begins April 1 and is for a period of five years.

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Additional subscriptions, for the whole work only, are invited at \$30, being \$10 per volume. Sample parts will be mailed on request.

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As Required by the Act of Congress
Aug. 24, 1912.

Publisher—Horticulture Publishing Co., Boston. Editor and Business Manager—Wm. J. Stewart. List of stockholders holding one per cent. or more of total amount of stock—W. W. Castle, N. F. Perkins, Wm. J. Stewart, Andrew Stewart, J. K. M. L. Farquhar, P. Welch, Estate of David Welch, of Boston, Mass.; Estate of F. R. Mathison, Waltham, Mass.; Thos. Young, Jr., W. F. Sheridan, F. H. Traendly, Chas. Schenck, John I. Raynor, New York City; Estate of W. F. Kasting, Buffalo, N. Y.; A. S. Burns, Elmhurst, N. Y.; Wm. S. Person, S. S. Pennock, Philadelphia, Pa.; John Burton, Chestnut Hill, Philadelphia, Pa.; Estate of Carl Jurgens, Newport, R. I.; Philip Breitmeyer, Detroit, Mich.; Fred Lautenschlager, Chicago, Ill. Bondholders, mortgagees and other security holders—none.

Sworn to and subscribed before Notary Public by WM. J. STEWART,
Business Manager.

Boston, April, 1918.

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SEED TRADE

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Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. O. Scarlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

Some Encouragement.

We have received through a trustworthy medium some reassuring information concerning the purpose and proposed carrying-out of the recently declared embargoes on various horticultural imports, such as plants, shrubs and vines. It is stated that the problem of the War Trade Board and the Shipping Board is one of tonnage, and of doing everything possible to further the successful prosecution of the war and it is on account of these paramount considerations that in many cases it has become necessary to take the action in question. At the present time it seems probable there will be available cargo space from the principal French and English ports, from time to time, but the question of tonnage from Holland is more problematical. The limitation of importations from Europe is based only on the emergency of the tonnage situation and no unnecessary interference with the nursery stocks is intended. So it is quite likely that as to French goods import licenses may be secured for shipments from convenient ports like Bordeaux, when loaded without delay, and other important French and English ports. We are also advised that for the present palmseeds will be considered to be on the restricted list as palm nuts, under classification of "Nuts."

Connecticut Seed Corn Should Be Certified

Buyers of Connecticut grown seed corn have been warned by officials of the College of Agriculture of that state that unless the seed stock is accompanied by a certified germination test, it cannot be depended upon. They have written K. C. Hatch of Wisconsin Agriculture Extension that tests have been conducted on a large number of seed samples and, in spite of the fact that the corn in that state was fully mature last fall and in fairly good condition, only 20 per cent. of the corn will germinate 85 per cent. or better.

New York—The huge Nungesser-Dickinson seed establishment at Twelfth and Hudson streets, Hoboken, has been taken over by the government at a price said to be approximately \$900,000. The business is one of the largest in Hoboken, and is the biggest of its kind along the entire Atlantic seaboard. It is not thought that there will be any change in management or in the conduct of affairs at the plant. Machinery and products will most likely be lined up to help the government in its program of increased food crops. The Nungesser-Dickinson firm is prepared to help make effective the slogan that "Food will win the war."

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Forcing Stock is scarce. It will pay you to buy in a supply of the following and have them ready for

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DELTA Spectabilis. (Bleeding Heart). Always commands a ready sale. Easy to handle and brought in bloom quickly. Fine fresh healthy clumps, per doz. \$1.50, \$10.00 per 100.

SPIREA Princess Mary. (New.) By far the finest of all the Pink Spiraea. Forces quickly and can be had in bloom by Decoration Day. Strong clumps, per doz., \$2.75, \$15.00 per 100.

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SA 9.....	\$1.20 \$7.50 \$67.50
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THE VALUE OF ORGANIZATION.

From the Remarks of P. C. O'Mara at the F. T. D. Meeting in Detroit.

No man can succeed by himself; nothing in nature operates alone; even the snowdrops co-operate and help one another.

The snowdrop nestling in its fleecy bed
On the hills would quickly melt;
But "I'll help you and you help me
Then see what a great white drift there'll be."

Gentlemen, that is the message to you this morning from old Mother Nature, whose laws no man can violate with impunity and not receive a penalty.

One thought, and then I am through. The value of organization is emphasized in this story of a colored man. By the way, some of our colored brothers are wonderful natural philosophers. A philosopher is one who studies effects by their causes. Did the gentleman that produced this magnificent rose attain it by giving himself a hypodermic injection and going to bed and wishing? (Applause.) No; but he was willing to spend his money, he was willing to spend that which no money can get, his personal power and sacrifice, to even withstand the ridicule of his friends who stood by and said, "Well, Hiram, I don't believe it can be did." But we wake up some fine morning and we are surprised to see the man who did it. Well, gentlemen, this colored man was driving a traveler down the road one day in Arkansas, and he had a long whip with a lash on the end of it. He was very expert with it. The traveler saw a bee upon a flower, and said, "Rastus, can you hit that bee?" "Yass, Boss, I can hit it"—and he did. They drove along a little further and they saw two more bees. The traveler said, "Rastus, can you hit both of them?" "Yass, Boss, I can do that," and he did it. They drove along a little further, and the traveler said,

"Rastus!" "Yass, Boss"; and the traveler said, "Rastus, what is that?" Rastus said, "Boss, that is a wasp nest." "Can you hit that, Nigger?" "Yass, Boss, I can—I can hit it—but I am not monkeying with that; that's organized." (Laughter.)

THE OFFICIAL U. S. BULLETIN.

Owing to the enormous increase of government war work the governmental departments at Washington are being flooded with letters of inquiry on every conceivable subject concerning the war, and it has been found a physical impossibility for the clerks, though they number an army in themselves now, to give many of these letters proper attention and reply. There is published daily at Washington, a government newspaper—The Official U. S. Bulletin. This newspaper prints every day all of the more important rulings, decisions, regulations, proclamations, orders, etc., etc., as they are promulgated by the several departments and the many special committees and agencies now in operation at the National Capital. This official journal is posted daily in every post-office in the United States, more than 36,000 in number, and may also be found on file at all libraries, boards of trade and chambers of commerce, the offices of mayors, governors, and other federal officials. By consulting these files most questions will be found readily answered; there will be little necessity for letter writing; the unnecessary congestion of the mails will be appreciably relieved; the railroads will be called upon to move fewer correspondence sacks, and the mass of business that is piling up in the government departments will be eased considerably. Hundreds of clerks now answering correspondence will be enabled to give their time to essential important war work, and the public will have performed a patriotic service.

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Stocks Beauty of Nice, 75% Double Flowers

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Snapdragon, Petunias, Verbenas, etc.

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Of Interest to Retail Florists

ONE "WHY" OF THE EASTER SUCCESS.

Did You Have an Easter Rush

How many of us, in all sincerity, can fall to realize the importance our Publicity Campaign has had, in stimulating more sales this Easter than ever before, notwithstanding the fact that we are having the greatest world's war ever chronicled? Those of us who have had the far-sightedness to conceive the benefits by tying up locally to our slogan "Say It With Flowers," must have reaped a full harvest as never before, and all this in a most trying period of depression against so-called luxuries.

Centrally located as we are, here in Boston, it gives me an exceptional opportunity to study conditions appertaining to our business, and I can see innumerable new faces continually, which proves the necessity of more publicity to create new buyers for the sale of more flowers. I am convinced, beyond a shadow of doubt, that the more use made of local advertising in connection with our National Campaign, the more new business will come to those live-wires who are optimistic enough to take up with it and that their volume of business will accumulate beyond expectation. As for myself, Easter was the largest we have ever experienced and must confess that the two most important reasons were: Confidence and securing plenty of choicest available stock in anticipation of the biggest Easter, and secondly, buying plenty of advertising space telling the people of Boston and New England that we had it, which proves that our Publicity Campaign has been a stimulus, and that we believe in taking the same kind of medicine we are handing out to our friends, as evidence of its worth.

What pride and pleasure it must

IN THE National Capital

At your service to deliver Flowers
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 Reliable Service.

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 Best Florists in the States as
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 FLOWER DELIVERIES FOR ALBANY
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Will take good care of your orders
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ANDERSON service means fresh, sturdy
Stock and prompt deliveries in BUFFALO,
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Randall's Flower Shop
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Member Florists' Telegraph Delivery.

give to those who have contributed to our National Fund, to feel that in the short two months in which our publicity copy has appeared we have been able to show such wonderful progress as to cause favorable comment the country over.

To those who have as yet not responded to our appeal, may I add that you are missing something, that something which makes better and bigger men, by contributing to a cause that helps all connected, and getting returns tenfold in the long run.

Henry Benn

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Houston, Tex.—Robert C. Kerr Co., growers and retailers, capital stock, \$25,000. Incorporators: R. C. Kerr, E. W. Eichling and M. C. Walker.

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Milford, Conn.—The Dewhurst greenhouses supplied all of the Easter flowers for all Milford churches this year—a patriotic testimonial to the proprietor, Thomas Dewhurst, who is "Over There," and to his mother who is conducting his business "Over Here."

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Flowers or Design Work

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The largest cut flower store in America.
Orders for the TWIN CITIES and for all Northwestern points given prompt attention
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RICHMOND, IND.

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2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON April 4		ST. LOUIS March 25		PHILA. March 25	
Roses						
Am. Beauty, Special	20.00	to 30.00	40.00	to 50.00	50.00	to 60.00
" " Fancy and Extra	10.00	to 15.00	15.00	to 20.00	3.00	to 40.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00	10.00	to 20.00
Russell, Euler, Mock	1.00	to 8.00	5.00	to 15.00	8.00	to 35.00
Hadley	1.00	to 12.00	5.00	to 10.00	6.00	to 18.00
Arenberg, Hoosier Beauty	1.00	to 8.00	2.00	to 4.00	6.00	to 12.00
Ward	1.00	to 8.00	2.00	to 5.00	6.00	to 12.00
Killarney, Radiance, Taft	1.00	to 6.00	2.00	to 4.00	6.00	to 12.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	2.00	to 10.00	8.00	to 15.00
Carnations	1.00	to 2.50	1.00	to 2.00	3.00	to 5.00
Cattleyas	25.00	to 50.00	.....	to 50.00	75.00	to 100.00
Lilies, Longiflorum	8.00	to 10.00	.....	to 10.00	.....	to 10.00
Lilies, Speciosum	7.00	to 8.00	.....	to 12.50	12.00	to 15.00
Iris	6.00	to 15.00	.....	to 10.00	.....	to 10.00
Callas	8.00	to 10.00	.....	to 10.00	5.00	to 10.00
Lily of the Valley	5.00	to 8.00	.....	to 10.00	1.00	to 20.00
Snopdragon	4.00	to 8.00	.....	to 6.00	6.00	to 8.00
Gladioli	.....	to 10.00	.....	to 4.00	6.00	to 10.00
Pansies	.50	to 1.00	.....	to .30	.50	to 1.00
Freesia	1.00	to 2.00	2.00	to 3.00	2.00	to 3.00
Narcis, Paper White	1.00	to 2.00	.....	to 3.00	2.00	to 3.00
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00	2.00	to 3.00
Daffodils	1.00	to 2.00	1.00	to 3.00	3.00	to 4.00
Tulips	1.00	to 3.00	3.00	to 5.00	2.00	to 5.00
Calendula	1.00	to 2.00	1.00	to 2.00	1.00	to 2.00
Stocks	2.00	to 4.00	.....	to 10.00	.....	to 10.00
Wall Flowers	1.00	to 2.00	.....	to 10.00	.....	to 10.00
Mignonette	3.00	to 4.00	.....	to 10.00	2.00	to 3.00
Sweet Peas	.15	to 1.50	.20	to .75	1.00	to 3.00
Marguerites	1.00	to 2.00	.....	to .75	1.00	to 1.50
Gardenias	15.00	to 25.00	.....	to 10.00	20.00	to 30.00
Adiantum	1.00	to 1.25	.....	to 1.00	.....	to 1.00
Smilax	20.00	to 25.00	12.50	to 15.00	20.00	to 25.00
Asparagus Plumosus, & Sprea. (100 Bchs.)	35.00	to 50.00	20.00	to 35.00	to 50.00

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J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

Flower Market Reports

Never in the history of BOSTON Easter have the florists of this section had greater cause for thankfulness than on this occasion. A whole week of delightful weather conducive to the best results in plant and flower crops culminated on Friday, Saturday and Sunday in a condition of spring atmosphere which brought out the public in swarms, crowded the flower stores to the limit and made plant and flower deliveries simple and expeditious. On Sunday the thermometer registered 64 degrees and a more perfect Easter day has never been seen. March, for once, "went out like a lamb" and April has come in as if to joyously celebrate "the bridal of the earth and sky." The wholesalers did a big shipping trade, the estimate of one of the wholesalers that fully seventy per cent. of the Easter cut flower product had been sent away by Thursday night, being not far from the truth. The rush in the wholesale markets was a forecast of the general results in the retail stores, which at the windup were completely dismantled of the immense stock they had secured. Lilies were cleaned up early and many would-be buyers had to go without. Lily prices were much higher than at any recent Easter. Among the rather unusual things offered in cut flowers were coropsis, renunculus, anemones, ixias and the pink petunia known as Bar Harbor Beauty. Bicolor Victoria narcissi were superb and lots of them. There were plenty of good roses but they were all needed.

The condition of the market three days after Easter presents an entirely different aspect. The usual reaction after a flower holiday set in with a vengeance and on Wednesday the bottom fell completely out. The values quoted in our flower price tables mean very little at present for almost nothing can be disposed of at any price. Stock is piled high in the wholesale places but it is not wanted and half-price or quarter-price would make no difference, although quality runs high. Business is dead for the time being. In addition to the usual standard assortment there are large quantities of Mrs. Sander marguerites, English primroses, anemones, ranunculuses and the finest long-stemmed pansies ever offered in the cut flower market.

Trade was very good all Easter week, the demand though not extremely large being steady enough to keep all in good spirits. As soon as Easter shipping began there was no stock left over each night, except spring flowers and carnations. Orders from out-of-town were reported as equal to those of former years and if any one was disappointed in their shipping trade they have not made it known. Home trade was heavier each day as the week end drew near. The wholesalers cleaned up on everything



SWEET PEAS

In all colors, whites, lavenders, pinks, both the delicate pinks and the pink and white, quite a few of the newer shades, a splendid crop on

Long	\$2.00
Medium	\$1.00 1.50
Short	.50 .75

EVERYTHING IN PLANTS, CUT FLOWERS, GREENS, RIBBONS AND SUPPLIES.

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WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

Roses	CINCINNATI April 1	CHICAGO April 1	BUFFALO April 1	PITTSBURG April 1
Am. Beauty, Special.....	40.00 to 50.00	50.00 to 60.00	40.00 to 50.00	35.00 to 40.00
" " Fancy and Extra.....	25.00 to 35.00	30.00 to 40.00	25.00 to 30.00	20.00 to 30.00
" " No. 1 and culls.....	10.00 to 20.00	10.00 to 20.00	5.00 to 10.00	6.00 to 15.00
Russell, Euler, Mock.....	6.00 to 15.00	4.00 to 20.00	5.00 to 10.00	10.00 to 25.00
Hadley.....	6.00 to 15.00	.....	5.00 to 15.00	.....
Arenberg, Hoosier Beauty.....	5.00 to 12.00	4.00 to 12.00	5.00 to 15.00	.....
Ward.....	4.00 to 10.00	4.00 to 10.00	3.00 to 5.00	6.00 to 12.00
Killarney, Radiance, Taft.....	4.00 to 8.00	4.00 to 10.00	3.00 to 6.00	4.00 to 12.00
Ophelia, Sunburst, Hillingdon.....	5.00 to 10.00	4.00 to 10.00	5.00 to 10.00	6.00 to 15.00
Carnations.....	2.00 to 4.00	1.00 to 3.00	2.00 to 4.00	.....
Cattleyas.....	60.00 to 75.00	40.00 to 50.00	40.00 to 50.00	60.00 to 75.00
Lilies, Longiflorum.....	10.00 to 12.00	8.00 to 12.00	8.00 to 15.00	.....
Lilies, Speciosum.....	.....	.....	4.00 to 6.00	.....
Iris.....	.....	6.00 to 15.00	.....	6.00 to 8.00
Callas.....	8.00 to 10.00	8.00 to 12.00	10.00 to 12.00	12.00 to 15.00
Lily of the Valley.....	5.00 to 6.00	5.00 to 6.00	6.00 to 8.00	6.00 to 8.00
Snappdragon.....	6.00 to 12.00	3.00 to 6.00	4.00 to 10.00	8.00 to 10.00
Gladioli.....	.....	.....	.....	.....
Pansies.....	.....	.....	.50 to 1.00	1.00 to 2.00
Freesia.....	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 4.00
Narciss, Paper White.....	2.00 to 3.00	.....	2.00 to 3.00	.....
Roman Hyacinths.....	2.00 to 3.00	2.00 to 4.00	2.00 to 3.00	.....
Daffodils.....	2.00 to 4.00	1.00 to 2.00	2.00 to 3.00	3.00 to 4.00
Tulips.....	2.00 to 4.00	4.00 to 5.00	2.00 to 3.00	3.00 to 4.00
Calendula.....	2.00 to 3.00	2.00 to 3.00	2.00 to 3.00	2.00 to 4.00
Stocks.....	3.00 to 3.00	.....	3.00 to 4.00	.....
Wall Flowers.....	.....	.....	1.00 to 3.00	.....
Mignonette.....	4.00 to 6.00	3.00 to 6.00	3.00 to 5.00	3.00 to 5.00
Sweet Peas.....	.50 to 1.50	.35 to 1.50	.50 to 2.00	.50 to 2.50
Marguerites.....	1.00 to 1.50	.....	1.00 to 2.00	2.00 to 3.00
Gardenias.....	.....	12.00 to 20.00	20.00 to 25.00	.....
Adiantum.....	.....	1.00 to 1.00	1.00 to 1.25	.75 to 1.50
Smilax.....	15.00 to 20.00	15.00 to 20.00	.....	20.00 to 20.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00 to 50.00	25.00 to 50.00	25.00 to 50.00	30.00 to 75.00

except carnations, which had been kept too long by the growers, and consequently were passed by. The retail trade has become too familiar with the over-ripe carnation to offer them to their customers. That there were some picked right is true and they were the ones that sold. There was a big supply of orchids that sold well. Mon-

day after Easter found plenty of buyers down town showing that the retailers sold out on Sunday.

The Easter demand CINCINNATI was very satisfactory and took up everything that came into the market on time and was good. Lilies were

(Continued on page 351)

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NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

	Last Part of Week ending Mar. 30 1918		First Part of Week beginning Apr. 1 1918	
American Beauty, Special	\$5.00	to 60.00	\$5.00	to 35.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	3.00	to 20.00	3.00	to 15.00
Hadley	3.00	to 60.00	3.00	to 35.00
Aronberg, Hoosier Beauty	3.00	to 10.00	3.00	to 8.00
Ward	3.00	to 8.00	3.00	to 6.00
Killarney, Radiance, Taft	3.00	to 8.00	3.00	to 8.00
Ophelia, Sunburst, Hillingdon	3.00	to 20.00	3.00	to 12.00
Key	3.00	to 12.00	3.00	to 12.00
Carnations	2.00	to 4.00	3.00	to 3.00

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ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

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ROUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 340)

somewhat short of requirements. Since Easter business has been fair and supply is good. Roses are rather light but the few that are coming in are of good quality. Carnations are in a heavy supply. Outdoor bulbous stock is now coming in and taking the place of the forced stock. Excellent lily of the valley and orchids may be had and both of these sold very well for Easter. Sweet peas generally find a good market. Other offerings are snapdragon, mignonette and pansies.

This market was fully supplied with about everything in the cut flower line for the Easter demand with the exception of lilies which, as had been foreseen for some time, were far short of requirements. Callas, on account of the lily scarcity sold clean at advanced prices. The sales earlier in the week were very moderate even the expected call for white and red roses for Holy Thursday being quite insignificant and, with the warm weather pushing things along the supply accumulated for the Saturday and Sunday business was heavy on everything except the lilies as already stated. Stock in general was of excellent quality, prices were advanced but little and a tremendous business was done in every section of the city and suburbs. The fine variety of sweet peas offered was especially notable. Carnations were somewhat in excess and there were quite a few of the lower grades left over to be sold for a song on Monday or thrown away. Altogether both retailers and wholesalers were agreeably surprised at the lively demand and enormous quantity of flowers disposed of and all express much satisfaction. Ideal weather and more hopeful news from the theatre of war were influencing factors in making this a generally satisfactory Easter for the florist. The retailer was inclined to be conservative in his buying but evidently became aware that the public wanted flowers and bought quite liberally. Roses were in good demand, Beauties, Hadleys and Ophelias especially, but nearly all the good roses found an outlet and for the best grades a satisfactory price prevailed, Beauties selling around 60 cents for the longest, with Hadley as an equal favorite and it is reported that this rose brought more than the Beauty, where flower and stem was of top grade. Some especially fine stock of Ophelia realized 25 cents. Orchids and gardenias were in good demand but probably the most popular flowers were sweet peas, all first-class stock of which cleaned up. Snapdragon was not desired and much of it was left over. A ready sale was found for desirable colors in iris. Daisies, pansies and other small flowers sold only fairly well. Bulbous stock cleaned up and good tulips and Victoria, Spur and Emperor daffodils were in demand late in the day, though they had been dragging all the week long. All Easter plants sold well and at good prices. The plant

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"
ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3088

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Mar. 30 1918		First Part of Week beginning Apr. 1 1918	
Cattleyas	40.00	to 50.00	30.00	to 50.00
Lilies, Longiflorum	12.00	to 20.00	.....	to 50.00
Lilies, Speciosum	3.00	to 8.00	3.00	to 8.00
Iris	10.00	to 15.00	8.00	to 10.00
Callas	10.00	to 20.00	12.00	to 20.00
Lily of the Valley	2.00	to 5.00	2.00	to 5.00
Snapdragon	2.00	to 10.00	2.00	to 10.00
Gladioli	.....	to .....	.....	to
Pansies	.....	to .....	.....	to
Freesia	1.00	to 2.00	1.00	to 2.00
Narciss, Paper White	.75	to 1.50	.75	to 1.50
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00
Daffodils	1.00	to 3.00	1.00	to 3.00
Tulips	1.00	to 3.00	1.00	to 3.00
Calendula	1.00	to 3.00	1.00	to 3.00
Stocks	.....	to .....	.....	to
Wall Flowers	.....	to .....	.....	to
Mignonette	2.00	to 4.00	2.00	to 4.00
Sweet Peas	1.00	to 8.00	.50	to 1.50
Marguerites	1.00	to 3.00	1.00	to 3.00
Gardenias	15.00	to 30.00	20.00	to 35.00
Adiantum	.50	to 1.00	.50	to 1.00
Smilax	12.00	to 16.00	12.00	to 16.00
Asparagus Plumosus, & Spreng (100 bunches)	25.00	to 50.00	25.00	to 50.00

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Boston Floral Supply Co.

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We manufacture all our
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Florists' Requisites

growers were completely cleaned out on everything salable early in the week and very jubilant in consequence but we are sorry to say that many of them lost heavily by not being able to have their stock far enough advanced.

PHILADELPHIA

The Easter trade in this city was better than the most hopeful of us could have expected. This was largely owing—not to increased demand, but on account of the fine weather. Supplies in every line were smaller for two reasons—namely, the war conditions and the very severe winter. So that, while the trade was not so enormous as in ordinary seasons, it was enough to clean up everything in sight. There were no big profits, neither were there any big losses. The weather gods were certainly kind to us for once. This summing up applies to both cut flowers and plants.

ROCHESTER

Easter trade was extra good. Roses were very scarce, so much so that it was necessary to substitute other flowers. Fine weather brought a great demand for flowers, but the supply was insufficient. Car-

nations were very good, also violets and freesia. The fuelless days in the winter are largely to blame for the scarcity of lilies and callas, both of which brought high prices. Azaleas were very scarce, but tulips, hyacinths, daffodils and cinnerarias were plentiful.

With real spring weather Easter business was good, wholesalers and retailers agree. Lilies were scarce. Sweet peas were short also. Greens sold well and blooming plants had a heavy call.

VISITORS' REGISTER

Albany, N. Y.—Patrick Welch, Boston, Mass.

Philadelphia—Albert Seidewitz, Baltimore, Md.; Wm. Comfort, Grosse Pt., Mich.

Chicago—Ralph Roth, So. Pasadena, Calif.; A. L. Glaser, Dubuque, Iowa; D. Vogt, Coldwater, Mich.; James McHutchison and Mrs. McHutchison, New York City, and Miss Emily Edgar, Waverley, Mass.

LOCAL AND GENERAL NEWS

BOSTON.

The flower market of Boston had a busy day this season at the Public House on Monday evening, April 2.

E. Allen, florist, of the City florist store to a city his delivery auto with the motto, "Say it with flowers," on a bare and cold patch, a replica of the glass runs furnished by the Publicity Bureau.

R. & J. Farquhar & Co., have issued a special circular list with prices of the famous "Veitch of London" collection of lilacs. These are the original plants, comprising close to forty varieties of the choicest selection.

Henry Penn's bank checks now carry the legend "Say it with Flowers," as being proclaimed by a little trumpeter. The idea is a good one and might be adopted to advantage by every flower grower or dealer in the country.

Mayor Peters has accepted the resignation of John H. Dillon, chairman of the Park and Recreation Committee, which was conveyed to His Honor by letter. Until a new chairman is appointed, Deputy Commissioner James B. Shea will act as chairman.

On one of the warm spring mornings last week the bugs peeped out of their nests, a la ground-hog, to see how vegetation was coming on. The first thing they beheld was the shadow of Walter Mott, advance courier for Benj. Hammond's insect annihilators, just arrived in town, and they drew back in terror.

Samuel Quint had a lively few minutes at his flower store in Allston when a cow and calf that broke loose from a herd being driven to the abattoir smashed into the store, devouring Easter lilies, ferns and any other vegetation within reach, doing considerable damage before they could be driven out.

NEW YORK.

Herman Mammitzsch succeeds Geo. T. Schuneman at Baldwin's, L. I. The place is noted for its sweet peas. Mr. Mammitzsch was formerly at Clifton, N. J.

The annual Flower Show at the Prospect Park greenhouses opened on Easter morning and drew admiring crowds. The main exhibit is a wealth of gorgeous color, arranged by the hand of an artist. The floor is massed with hyacinths, tulips, daffodils, heath and hydrangeas, the strong accents secured by the use of the taller and more brilliant azaleas, magnolias and bottle brush Metrosideros. From this rises an immense cross of Easter lilies, lying upon a bed of yellow genista. The sides of the walks are banked with the choicest plants of many varieties, a riot of color and beauty.

CHICAGO.

One of the large department stores closed out 12,000 plants some time before the closing hour. Several of these stores did a large business and generally sales were made below cost, using the plants for an advertisement.

The flower store of Fred C. Morris, of Hinsdale, Ill., was entered by burglars, one night last week, who got in by removing a panel out of the door. Fortunately the cash drawer contained but \$12, so the loss was light.

The Leonard Seed Co. had forced upon them the slight regard which some people hold for the property of others when they brought to trial a man who entered one of their buildings and removed the lead pipe. For the gain of a few dollars hundreds were sacrificed.

The Frerers-Windler Co., wholesale commission house for several years in the Atlas Block, have sold out to Louis Finnerman, formerly with A. Henderson Co., and Morris Goldberg. They are enterprising young men and have the best wishes of their friends for their success.

The proprietors of the loop retail flower stores fairly outdid themselves in their beautiful window decorations before Easter. The rhododendrons made the scarcity of azaleas go unnoticed, so beautiful did they appear, and even more attractive than the azaleas on account of the foliage among the flowers.

The ribbon salesmen must have been delighted at the profuse use of that accessory for Easter. Never before has the specimen plant been so draped and bow adorned as now, and whether a red standard rose has its beauty enhanced by having its stem and branches bedecked with yards of wide blue satin ribbon or not and whether it be artistic or not, yet the public looked and bought. The genistas with the gold colored ribbons on the hampers were all that could be desired.

The suspense that makes the florist so anxious as the Easter approaches was more nerve-racking than ever this year. With conditions so different it was hard to know what to prepare for. It was a question whether money would be spent for flowers when our country was at war. The chief difference, however, proved to be in the spirit of the purchasers. There was a seriousness about the buying and it was evident that with sad hearts they did the giving, but they did buy and so freely that when the records for the week are all footed up it is probable that it will show one of the best Easters in the history of the flower business here.

PERSONAL.

Robert Ancill, for the past five years head gardener for the late Mrs. Quincy Shaw, of Brookline, Mass., is now employed as head gardener to John S. Lawrence, at Lawrence Farm, Topsfield, Mass.

The 1st of May Thrift Stamp Day In The U. S. A.

The Active Co-operation of
Every Reader of

HORTICULTURE

Is Urgently Requested To
Make It A Success

May 1st, 1918, will be observed throughout the United States as Thrift Stamp Day! On that day retail stores everywhere in every line of business will ask customers to take part of their change in Thrift Stamps! It will be patriotic for every man, woman and child to accept at least one Thrift Stamp as change on every purchase made that day and to make as many purchases as possible on May 1st.

Here is a big, practical way of getting millions of Thrift Stamps into the hands of the people of the United States, and of insuring the success of the Government's War Savings Stamps campaign. Thrift Stamp Day will help everyone. It will prove a tremendous boost to business. On May 1st, 1918, the nation should do the biggest total retail business of any single day in our history! The beneficial habit of Thrift will be sown broadcast among the citizens of the U. S. A.! Most important of all, Uncle Sam will be furnished with the sinews of War and Victory!

American business must go "over the top" at once in a quick drive to make Thrift Stamp Day an overwhelming success. You wholesalers, you jobbers, you salesmen, must talk Thrift Stamp Day among your trade, arouse the enthusiasm of the retailers, the storekeepers, the clerks behind the counters. Uncle Sam needs your help. A practical plan has been prepared showing how each one of you can "do your bit" to make Thrift Stamp Day a red letter day in American business annals. Write for this plan today without fail. Remember, in helping Uncle Sam you are helping business and helping yourselves. Address Mr. W. Ward Smith, National War Savings Committee, 51 Chambers St., New York City.

NATIONAL WAR SAVINGS COMMITTEE
51 Chambers Street, New York City

ST. LOUIS.

The growers hold their meeting this week.

Shaw's Garden made a very elaborate Easter display of primroses, azaleas and other plants.

George Behrner, proprietor of Wolf-Wilson Floral Department, will occupy headquarters at 7th and Washington streets shortly.

The wholesalers have been requested to stop deliveries to the retailers and give that expense monthly to the Publicity Fund for advertising purposes.

ROCHESTER, N. Y.

The conservatory at Highland Park is exhibiting handsome groups of lilies, genistas, cinerarias, roses and acacias.

Edwin C. Kaelber, stationed in a government position, is here on a furlough and will soon be located in Syracuse.

Schuyler Arnold, who is with the air squadron in France, has been commissioned to grow vegetables for the United States troops.



THE PFALTZGRAFF POTTERY CO., York, Pa.

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MAY CANCEL ALL COAL DELIVERY CONTRACTS.

The United States Fuel Administration is considering recommendations that all contracts for the delivery of coal by producers be cancelled as of April 1. Throughout the past winter the Fuel Administration has allowed all coal contracts to stand, although the administration has the authority to invalidate the agreements.

Despite the fact that with practically the entire output under contract the Fuel Administration found it difficult during the winter to secure "free" coal for general distribution, the contracts were not canceled.

It was felt that the Fuel Administration should allow the contracts to continue pending the organization of a complete Federal plan of distribution, which has now been developed and which will become effective April 1.

By far the larger percentage of the contracts now outstanding will expire with the beginning of the new coal year on April 1. The small percentage remaining affects but a small part of the country's coal output. A part of these will be automatically canceled by the limitations placed on the movement of coal by the new zone system of distribution of bituminous coal.

The cancellation of these contracts would place the entire coal output of the country directly under the control of the Fuel Administration. Under regulations already issued by the Fuel Administration all new contracts for the delivery of coal must be made at the prices prescribed by the Government. Many of the contracts now in force were made at a time when prices were abnormally high. The cancellation of these old contracts would bring the whole coal production into the market at the Government prices and under governmental regulations of dis-

WANTS, FOR SALE, Etc.

HELP WANTED

WANTED Young man who understands potting and general greenhouse work. Good opportunity to progress. Permanent place for the right man. **ARNOLD-FISHER COMPANY**, 58 Wyman St., Woburn, Mass.

WANTED—A grower capable of handling section work in commercial greenhouse establishment; one with knowledge of chrysanthemums, sweet peas and carnations. Address A. E. care **HORTICULTURE**.

WANTED: A gardener as second man to work in a commercial place. Hours, 7:30-5:00. Wages, \$3.00 per day. Half day off Saturday in summer months. **F. E. PALMER, INC.**, 220 Washington St., Brookline, Mass.

tribution—would eliminate all high-price coal.

Buffalo—Arthur L. Norton has been taken into the firm of W. E. Harries & A. V. Hall, as associate landscape architect since the appointment of W. E. Harries as superintendent of the Buffalo park system. Mr. Norton has been in charge of the design and supervision of the work of Warren H. Manning, landscape designer, of Boston, for several years, and has had experience in handling some of the largest public and private development work in this country. Mr. Norton is the son of M. H. Norton, long connected with the florist trade of Boston.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. **NEW YORK BRANCH, 8-10 Bridge St.**

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. **Pillsbury's Carnation Staple**, 1000 for 35c.; 3000 for \$1.00 postpaid. **I. L. PILLSBURY, Galesburg, Ill.**

CHRYSANTHEMUMS

GOOD RETURNS WITHOUT THE COST OF COAL.
WITHIN THE REACH OF EVERY GROWER.

PLANT EARLY CHRYSANTHEMUMS. Such as will mature before the last of October. We are booking orders for delivery now or later as desired. Complete list of the best early, both Pompons and large flowering supplied upon request. If our 1918 Trade List has not reached you, ask for it.
ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. **FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa.** Large breeding pairs for sale. Send for price list.

GLASS

Greenhouse glass, lowest prices. **JOHN-STON GLASS CO., Hartford City, Ind.**

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WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.

Cambridge, Mass.

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SEND FOR MY SPECIAL TRADE LIST OF GLADIOLI. ALL THE LEADING VARIETIES IN DIFFERENT SIZES.

CENTRAL GLADIOLUS GARDENS.

JELLE ROOS, MILTON, MASS.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PAPER POTS

Paper Pots and Dirt Bands. Send for Samples and Prices. **F. W. ROCHELLE & SONS, Box 65, Chester, N. J.**

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. **C. BETSCHER, Canal Dover, O.**

ROSES

ROSES, CANNAS AND SHRUBS.
THE CONARD & JONES COMPANY,
WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. **LAGE & HURRELL, Summit, N. J.**

STRAWBERRIES

Strawberry Plants. Money making varieties. Catalogue Free. **BASIL PERRY, Georgetown, Delaware.**

VEGETABLE PLANTS

Tomato Plants—Comet, 2½ inch, \$2.00 per 100. **FRANK LEITH & SON, Haverhill,**

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. **J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.**

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

LEMON OIL 50'S STANDARD'S INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Aunts, etc., without injury to plants and without odor. Used according to direction, our standard insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Flies on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

By Pint, 50c.; Pint, 50c.; Quart, 90c.;
½ Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00.
Directions on package.

LEMON OIL COMPANY

Dept. S. 420 W. Lexington St., Baltimore, Md.

USE WIZARD BRAND CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
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The Florists' standard of uniform high quality for over ten years. Specify: **WIZARD BRAND** in your Supply House order, or write us direct for prices and freight rates.
THE PULVERIZED MANURE CO.
14 Union Stock Yard Chicago



Use N. A. C. Products for more profitable results. Send for prices or our complete list of Fertilizers and its uses.

HORTICULTURAL DEPT.
Harry A. Bunsard, Mgr.

AGENCIES

106 Pearl St., New York

When writing to advertisers kindly mention **HORTICULTURE**.

PUBLICATIONS RECEIVED.

The American Rose Annual for 1918 has just been received and is certainly a most fascinating book. It will be joyously welcomed by the rose lover and will be one of the best read publications of the year. Its content, nearly two hundred pages of close-printed, inspiring, practical matter, written by the most progressive and thoughtful devotees of the Queen of Flowers—cover the field thoroughly and the book is a credit to the American Rose Society and an impressive manifestation of zeal and diligence on the part of its editor, J. Horace McFarland. Horticulture is especially pleased with the symposium on the growing of roses in war time with which the book starts and in which all the contributors take a strong stand on the grounds which Horticulture has unceasingly advocated ever since the first foolish hysterical paroxysm against "non-essentials" brought dismay to the garden lover. One of the most timely and valuable sections is in the chapters devoted to a review of rose behavior made by Capt. George C. Thomas, Jr., under the caption of "Roses Retained and Discarded." The lists given and the reasons for the selections made are notable first-hand material, the results of painstaking observation. The data presented with respect to combatting two of the most destructive rose enemies is also original and indeed the product of the work instituted by the American Rose Society. There is some significant material with relation to the increasing demand for municipal rose gardens and this is accompanied by suggestive diagrams of the layout of several of the gardens of this character already existing.

Membership in the American Rose Society carries with it a copy of the Annual. The secretary's address is

The F. T. D. Handy Book. This latest publication by Secretary Pocheleon is a 60-page book of the same page size as **HORTICULTURE**. It gives a complete list of the florists connected with the Florists' Telegraph Delivery, arranged alphabetically as to towns and giving reference to the nearest F. T. D. member to towns where there is no member. It also includes the recently published service for Army and Navy and service for Hospitals and Schools. It looks like a prolific business promoter.

CATALOGUES RECEIVED.

T. C. Thurlow's Sons, Inc., West Newbury, Mass.—Catalogue and Price List of Cherry Hill Nurseries. Illustrated.

Palisades Nurseries, Sparkill, N. Y.—Palisades Popular Perennials. A beautiful production, artistic and very attractive in dress and general make-up. Different from the average run of catalogues and advantageously so. Profusely illustrated.

Cottage Gardens Nurseries, Inc., Eureka, Cal.—Special Price List 1917-18, for the Trade Only. J. McHutchison & Co., New York City, U. S. selling agents for all territory east of the Rocky Mountains. Eureka grown Bulbs, Azaleas, Rhododendrons.

Aphine

The Insecticide that kills plant Lice of many species

The Recognized Standard Insecticide. A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.00.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.00.

VERMINE

For ear worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.00.

SOLD BY DEALERS.

Aphine Manufacturing Co.
MADISON, N. J.

For Codling Moth And Scab use

SULFOCID

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CAL-ARSENATE

—a new combination which bids fair to replace the old Lime Sulphur-Arsenate of Lead and Bordeaux Lead mixtures, in both orchard and garden. It is more powerful, less expensive, 1 gallon and 3 lbs. makes 150 gallons of spray.

Send for circular

B. G. PRATT CO., Mfg. Chemists
50 Church St. Dept. 12 New York



NIKOTEEN

For Spraying
APHIS PUNK
For Fumigating

Ask Your Dealer For It.

NICOTINE MFG. CO.
ST. LOUIS

A BEAUTY SPOT IN GEORGIA.

We are in receipt of an interesting letter from J. F. Wilson, editor of "The Nut Grower," Waycross, Ga., giving details of a proposed visit of a party of interested people to the heart of the Okefenokee Swamp, a hitherto unexplored territory of over half a million acres, with islands and lakes of surpassing beauty. It is hoped to develop an interest in having the Government take over this territory as a public reservation so as to save something of its virgin beauty for future generations as well as to furnish a semi-tropical horticultural museum for educational and scientific uses.

Wilmington, Del.—Flower markets were held every day during Easter week, at the corners of Fifth and Market streets, Fifth and King streets, on the east side of King street, between Fifth and Seventh, and on the north side of Sixth street, between Market and King streets. No wagons were allowed to stand along the streets, where the stands were located. The vendors had to clean up the street in front of the stands each night.

King Greenhouses

KEEP SUMMER WITH YOU THE WHOLE YEAR ROUND

On account of their sturdy special construction which permits of great strength without the need of heavy shadow casting supports, these houses are so warm and sunny that they are filled with a riot of bloom and fruit when Jack Frost has stripped the garden of its beauty.

The ventilating and heating systems are the result of years of experience in building for professional growers. Things just have to grow in a King.

Ask us for any of the following: Catalogue showing Commercial Type Greenhouses, Catalogue showing Greenhouses for private estates, Catalogue showing Garden Frames and Sash for private estates.

KING CONSTRUCTION COMPANY, 28 King's Road, North Tonawanda, N. Y.

All the Sunlight. All Day Houses.

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Philadelphia, Harrison Building, 15th and Market Streets



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Metropolitan Material Co.
PATENTED GREENHOUSES

1297-1325 Flushing Ave., Brooklyn, N. Y.

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Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

PARSHELSKY BROS. Inc.
215-217 Havemeyer St., Brooklyn, N. Y.

CAN SHIP ANY SIZE AT ONCE

Telephone or Telegraph Order

at Our Expense

KROESCHELL BROS. CO.,

466 W. Erie Street.
CHICAGO, ILL.



DREER'S

FLORIST SPECIALTIES
New Brand New Style
"RIVERTON" HOSE

Furnished in lengths up to 100 ft. without seam or joint.

The HOSE for the FLORIST

3/4-inch, per ft., 17 c.
Reel of 500 ft. " 16 1/2 c.
2 Reels, 1000 ft. " 16 c.
3/4-inch, " 15 c.
Reels, 500 ft. " 14 1/2 c.

Couplings furnished

HENRY A. DREER
714-716 Chestnut St.,
PHILADELPHIA, PA.

Dreer's Peerless Glazing Points

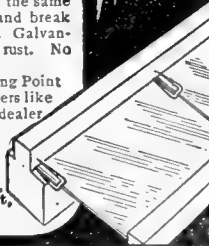
For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid.
Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2



MASTICA

For Greenhouse
Glazing
USE IT NOW

F. O. PIERCE CO.

12 W. BROADWAY
NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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On Ventilating Apparatus and Greenhouse Fittings

ADVANCE CO., RICHMOND, IND.

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address, JOHN G. ESLER, Sec., Saddle River, N. J.

When writing to advertisers kindly mention **HORTICULTURE**.

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FLORISTS, SEEDSMEN**

Contains alphabetical listings of available surplus stock, etc.

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LOS ANGELES, CALIFORNIA

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D. HILL

The Evergreen Specialist

Some the days when I used to dig and push every plant myself, my business has grown and my policy remains the same. Give every customer the best and most satisfactory results.

HILL'S EVERGREENS

And Other Choice Nursery Stock

SINCE 1855

For over half a century our main business has been to give satisfaction.

Many florists are pushing the Landscape feature of their business with increasingly profitable results.

As this branch of your business develops draw on us for your requirements in choice ornamental Evergreens and other Nursery Stock, either developed specimens for immediate results or small plants for lining out.

Send us your want list for pricing. Ask any questions you want. Make up your order now and send it in at once. Planting season is near at hand. Please note the following.

HILL'S EVERGREENS

Abies Balsamea (Balsam Fir)			
	10	100	1000
10-12 inch	\$1.40	\$9.00	
12-18 "	1.70	12.00	
Abies Tsuga Canadensis (Hemlock)			
6-10 inch	\$1.50	\$8.00	
10-12 "	1.60	12.00	
2-4 foot B & B	20.00		
Abies Concolor (Silver Fir)			
4-8 inch	\$2.00	\$12.00	
10-12 "	1.70	10.00	
2-4 foot B & B	12.50		
Abies Douglassi (Colo. Douglas Fir)			
4-8 inch	\$2.00	\$12.00	
12-18 "	1.70	12.00	
18-24 "	2.50	20.00	
2-4 foot B & B	15.00		
Juniperus Communis (English Jun.)			
3-6 inch	\$2.50	\$15.00	
6-10 "	2.00	15.00	
Juniperus Hibernica (Irish Jun.)			
6-8 inch	\$3.50	\$30.00	
Juniperus Virginiana (Red Cedar)			
2-4 inch Seedling	\$1.50	\$9.00	
6-12 "	1.40	9.00	80.00
12-18 "	2.00	18.00	
Picea Alba (White Spruce)			
4-8 inch Seedling	\$1.85	\$14.00	
12-18 "	1.40	9.00	
18-24 "	1.70	12.00	
Picea Canadensis (Black Hill Spruce)			
Excellent heavy type from Black Hills, S. D.			
6-10 inch	\$1.30	\$8.00	
10-12 "	1.50	10.00	
Picea Excelsa (Norway Spruce)			
4-8 inch Seedling	\$1.75	\$9.00	
6-10 "	2.00	12.00	
12-18 "	1.10	6.00	
18-24 "	1.50	10.00	
Picea pungens (Colorado Blue Spruce)			
3-6 inch Seedling	\$2.50	\$15.00	
6-10 "	1.50	10.00	
10-12 "	2.50	20.00	
12-18 "	3.50	30.00	

Pinus Austriaca (Austrian Pine)			
	10	100	1000
12-18 inch	\$2.00	\$11.00	
18-24 "	2.50	16.00	
Pinus Mugho (Dwarf Mountain Pine)			
6-10 inch Seedling	\$2.25	\$15.00	
8-10 "	\$2.40	15.00	
10-12 " XX	3.00	20.00	
12-18 " XX	3.50	25.00	
Pinus Resinosa (Red or Norway Pine)			
18-24 inch	\$2.50	\$16.00	
2-3 feet	3.20	22.00	
Pinus Sylvestris (Scotch Pine)			
6-12 inch	\$1.75	\$12.00	
12-18 "	\$1.70	8.00	
18-24 "	2.10	12.00	
Retinospora Plumosa			
6-8 inch	\$3.50		
Sequoia Gigantea			
1-3 inch Seedling	\$1.50	\$10.00	
Taxus Canadensis (American Yew)			
6-12 inch	\$8.00	\$65.00	
12-18 "	12.00		
Taxus Baecata (English Yew)			
6-10 inch	\$7.50	\$65.00	
Taxus cuspidata (Japanese Yew)			
6-10 inch	\$1.50	\$10.00	
Thuja Biota Orientalis			
3-6 inch Seedling	\$2.00	\$11.00	
6-12 "	2.50	16.00	
12-18 "	\$1.70	12.00	
18-24 "	1.90	14.00	
Thuja Occidentalis (American Arbor Vitae)			
4-8 inch Seedling	\$2.00	\$12.00	
6-10 "	\$1.10	6.00	50.00
10-12 "	1.30	8.00	70.00
12-18 "	1.60	11.00	
Thuja Compacta (Compact Arbor Vitae)			
6-8 inch	\$3.50		
Thuja Globosa (Globe Arbor Vitae)			
4-6 inch	\$1.00		
Thuja Pyramidalis (Pyramidal Arbor Vitae)			
4-6 inch	\$3.50	\$30.00	
6-8 "	3.75	30.00	
Thuja Wareana Sibirica			
4-6 inch	\$3.00		

DECIDUOUS TREES AND SHRUBS

Strong, clean thrifty young plants suitable for lining out.

Acer Saccharum (Hard Maple)			
	100	1000	
12-24 inch	\$2.25	\$13.50	
2-3 feet	3.00	20.00	
Crataegus Crus Galli			
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Crataegus Mollis			
6-12 inch	\$2.25	\$18.00	
Juglans Nigra (Black Walnut)			
12-18 inch	\$1.75	\$15.00	
Malus Coronarius (Wild Crab)			
6-12 inch	\$2.50	\$20.00	
Ulmus Americana (American White Elm)			
12-24 inch	\$1.50	\$6.00	
2-3 feet	1.75	9.00	
Berberis Thunbergii (Japanese Barberry)			
6-15 inch	\$1.50	\$4.00	
12-24 "	2.50	16.50	
Forsythia Fortunei			
6-15 inch	\$2.00	\$16.50	
Forsythia Intermedia			
6-15 inch	\$2.00	\$16.00	
Ligustrum Amurense (Amoor River-North)			
6-12 inch	\$2.00	\$15.00	
12-18 "	2.25	18.00	
Ligustrum Ibota (Ibota Privet)			
6-12 inch	\$1.25	\$10.00	
Lonicera Morrowi			
8-15 inch	\$2.00	\$15.00	
Pachysandra Terminalis			
4-8 inch	\$2.50	\$20.00	
Rosa Setigera			
4-8 inch	\$1.75	\$15.00	
Rosa Multiflora			
6-12 inch	\$1.75	\$12.00	
Spiraea Van Houttei (Bridal Wreath)			
6-15 inch	\$1.75	\$15.00	
Symphoricarpos Alba (Snowberry)			
6-15 inch	\$1.75	\$15.00	
Syringa Vulgaris (Purple Lilac)			
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Vol. XXVII
No. 15
APRIL 13
1918

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Send copy to reach us by Tuesday, April 16. You will get new business if you

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Ida Van	50.00	40.00
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RESTRICTION ON IMPORTS

With Reference to Plants and Plant Material

On February 14, 1918, the President of the United States issued a proclamation which required an import license for all articles from all countries. The object of this action is to more clearly supervise commerce and trade during the period of the war. The administration of the work devolves upon the War Trade Board. For some time the Bureau of Imports of the War Trade Board has been giving attention to the manner in which the work of restriction should be carried out. There has recently been published by the War Trade Board a list of restricted imports. This list (No. 1) contains eighty-two items, one of which (Item 61) includes "plants, trees, shrubs, and vines." While plants, trees, shrubs, and vines are on the restricted list, they are not prohibited entry. A license will be required for each shipment of plants, trees, shrubs, and vines from a European port. No shipments will be allowed from Asiatic ports. According to a recent circular issued by the War Trade Board, applicants for license must show certain facts:

"In the case of shipments from European points, the most satisfactory evidence will be proof that shipping space has been actually engaged. The present form of application for import license will generally be found adequate for this purpose and where this is not found to be the case, a letter setting forth the additional facts should accompany such application.

The United States Consuls have been instructed not to issue consular invoices on and after April 15, 1918, for the articles mentioned in the list without first being furnished with the number of the import license or being given other evidence of the issuance of such license. Shipping agencies are also advised not to accept for shipment consignments of the articles mentioned in the list without similar evidence of the issuance of the import license.

It will devolve upon importers, therefore, to advise their shipper abroad by letter or cable, of the number of their import license so that such shipper will be able to furnish the same to the consuls and the shipping agencies. This will mean that importers must be diligent in applying for import licenses a sufficient time in advance of the shipment so that the number of the import license may be communicated abroad in ample time."

To summarize—trees, shrubs, and vines, including fruit tree stocks and seedlings, may be imported from Europe, but not from the Orient, upon filing an "Application for Import License." The War Trade Board has issued the following instructions regarding the securing and filling out of application for license:

(a) A separate application must be made for each importation. Each application should refer only to articles of the same general nature as hides, mica, leather, rubber, wool, sugar, etc. Observance of

this requirement will facilitate prompt action upon application.

(b) Applicants are requested, in case of further communication to refer to their own reference number and date as well as to the reference number of the Bureau of Imports if known, and to refer to each application in a separate letter.

(c) The statement in regard to the quantity should be made in definite units of net weight or measure as required by customs authorities, such as pounds, bushels, gallons, etc., as well as in such terms as boxes, cases, sacks, etc. Values must be in dollars.

(d) Applicants are advised to forward their applications as long as possible in advance of the date of arrival. If shipment does not arrive before expiration date of license and an extension is desired, the

Spade and Hoe

TO BEFRIEND THE RIFLE AND THE BAYONET.

(From a statement by the British Ministry of Food.)

War is making bare the world's cupboards; the granaries are being emptied, the flocks thinned, the herds butchered, the mines scraped. War is making everything dear except human life; the destructive monster is consuming more food essentials than it is producing. Want follows hard in the wake of the chariot wheels of Mars, and the whole world is threatened with hunger, the menace of which will become greater with the prolongation of hostilities. Victory will go to the combatants who are best fed and nourished. The food question is now paramount. Food production is as essential to victory as food saving. * * * * The spade and the hoe must befriend the rifle and the bayonet.

original application and license must be returned with the request for extension, setting forth the reasons therefor.

(e) This application should be forwarded to the Bureau of Imports, Washington, D. C.

(f) Copies of all forms may be secured from the Bureau of Imports, Washington, D. C., or from any branch of that Bureau. Branch offices are located at:

Boston, Mass.....1806 Customhouse
Chicago, Ill.....1106 Monadnock Bldg.
Detroit, Mich.....225 Post Office Bldg.
Eagle Pass, Tex., First National Bank Bldg.
El Paso, Tex.....Federal Bldg.
Galveston, Tex.....Federal Bldg.
Laredo, Tex.....206 Federal Bldg.
Los Angeles, Cal., International Bank Bldg.
Mobile, Ala.....Customhouse
New Orleans, La.....Canal Bank Bldg.
New York, N. Y.....45 Broadway
Nogales, Ariz.....Bowman Hotel Bldg.
Philadelphia, Pa.....305 Lafayette Bldg.

Portland, Ore.....748 Morgan Bldg.
St. Louis, Mo.,
1305 Federal Reserve Bank Bldg.
San Francisco, Cal.....212 Customhouse
Savannah, Ga.,
Savannah Bank & Trust Co. Bldg.
Seattle, Wash.....S25 Henry Bldg.

A WORTHY CAUSE.

"There is not a single selfish element, so far as I can see, in the cause we are fighting for. We are fighting for what we believe and wish to be the rights of mankind and for the future peace and security of the world. To do this great thing worthily, successfully, we must devote ourselves to the service without regard to profit or material advantage, and with an energy and intelligence that will rise to the level of the enterprise itself."

WOODROW WILSON,

President of the United States.

Does not this inspiring message of our President also express the sentiments of all those who have unselfishly contributed to our Publicity Campaign Fund? Note the comparison! Those who have given will have the full knowledge and satisfaction that the cause is worthy and that we are raising and elevating our own standards to such a high plane that they will not only reap the benefits but also the thanks of the entire floral craft for the beginning of what we hope in later years will be one of the best efforts since the origin of the S. A. F., The Publicity Campaign.

Now, to those who have as yet not contributed: Can you afford to stay out of this unselfish movement which is for the general good of the entire trade? Send in your contribution now, so that our Publicity Finance Committee, under so able a leadership as our good friend, Chairman George Asmus, might feel that the members of the S. A. F. are doing their full duty, and appreciate the efforts given.

HENRY PENN, Chairman,
National Publicity Campaign.

A PROMISING NEW ROSE.

At the New York Spring Show blooms of a new seedling rose from John Cook of Baltimore were received too late for the judging on Friday. On Monday a special committee was selected to judge them and the award was 88 points, together with the Rose Society's silver medal, a high achievement, considering that the flowers had then been five days cut. The rose is a cross between Frau Karl Druschki and Mrs. Charles Russell. Mr. Cook intends to send it out next winter if the war should be then over.

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A
 worthy
 purpose

In calling attention to the announcement of the operation of the Service Bureau of the National Association of Gardeners which appears in this issue and which has already appeared in the Journal of the International Garden Club we are pleased to express cordial approval of the project and hope it may accomplish in the fullest sense the purpose for which the movement has been inaugurated. We are advised by Secretary Ebel that the functions of the Service Bureau are intended to be educational as well as serviceable and it does not confine its energies merely to procuring positions for members who may apply to it, but it is also bringing to the attention of those requiring the services of gardeners that simply because a man may term himself a gardener, he does not necessarily possess the qualifications to entitle him to that calling—that efficiency in gardening is only acquired through a thorough training and that the cheapest man is by no means the most economical and rarely a truly capable gardener, and that the proficient in gardening, as in all other acquired vocations, are entitled to and are learning to demand proper consideration. It is one of the avowed aims of the association, through a systematic organization of its Service Bureau, to weed out the interlopers of the profession who pass under the guise of gardeners without the proper knowledge to fit them as such. All true friends of the gardener and his profession will surely say "amen."

A
 master stroke

The returns from the Easter business are all in now and they are uniformly cheering from every part of the country, far more so than many dared to hope for. The much harrassed florist trade, "so weary with disasters, tugged with fortune," will now fresh courage take, full of confidence that the worst is past and that for the prudent industrious man the future holds nothing to cause dejection. The splendid success achieved is variously accounted for in the trade—the good weather, the publicity drive, a rational reaction in public sentiment, and various other things—and it is no doubt true that all these influences had a share in the grand total. It certainly must be very gratifying not only to the plant and flower growers and retail dealers themselves but also to all the varied industries which depend more or less upon the florist trade as an auxiliary for their own prosperity. Following the distressing inflictions which the flower producers have had to bear during the past six months, even Nature, herself, seems to have finally taken pity on the victims and, in sheer admiration and approval of the aggressive courage displayed, has done her very best to heal the wounds with abundant sunshine and every other possible amelioration and assistance in the work of providing for and facilitating the transaction of the Easter business. It is an inspiring tale that the empty plant house benches unfold—an inspiration that will engender assurance and strengthen faith as to the future. Easter 1918 is one of the best things that has happened to the florist and his allies in many years.

Make
 every day
 a big day

It is said, and with much truth, that "difficulties show what men are." The business standing of those who by dint of frugality, tenacity and self-sacrifice shall have surmounted their difficulties and come through intact after the supreme ordeal of the past year should and unquestionably will, be materially advanced by their achievement. It does appear that, thus far, everything considered, the "ornamental horticulture" industries, as a whole, have made about as good a showing of stability, proportionately, as have most other lines of commercial enterprise, and this, be it remembered, in spite of the fact that the flower and nursery industries, "asleep in the lap of legends old," have but just begun to awaken to the essentialities of modern success in business building. Like a man aroused from deep slumber, opening his eyes for a moment and closing them again, a convulsive effort was again made for Easter business this year and the next spasm will be for Mothers' Day, and then Memorial Day, the interim being seemingly left to luck. Firms that launched into more or less newspaper publicity for big Easter business, now evidently absorbed in contented retrospect of their success, apparently view with indifference the opportunities offered by the overloaded wholesale market during the past week and the feeble demand, notwithstanding the fact that there should be flowers continuously in every home, that every day in the year is the birthday anniversary of tens of thousands of mothers, fathers, wives and sweethearts, as well as flower gift day for friends sick or lonely—all of which the public should be constantly coached to regard as legitimate objectives for the use of flowers until it has become an universal habit. Who can doubt that the lagging trade since Easter might have been spurred into consuming much of the present abundant surplus or that the future growth of the business will depend very largely upon the way in which those engaged in it line up for modern progressive methods and ideals which would mean a big day every day in the year?

CLUBS AND SOCIETIES

NEW YORK FLORISTS' CLUB.

An unusually large number of members filled the club room to repletion at the meeting of the New York Florists' Club last Monday evening. Talks had been promised by W. H. Elliott of Madbury, N. H., on "Greenhouse Business in War Time," and Kenneth Gillett of Southwick, Mass., on "Native Plants," but Mr. Elliott was prevented from appearing by a death in the family and Mr. Gillett asked to have his lecture assigned to a later date. There was no lack of interest, however, and a variety of timely topics, together with an uncommon epidemic of volubility kept things moving lively until a very late hour. The usual series of reports of various officials and committees were made, the most significant one being that on the recent flower show, by Secretary John Young, to the effect that receipts were ahead of expenses. "Publicity" was a fruitful subject for remarks, but the Liberty Bond Issue and the part that floriculture and the Club members should take in making it a success overshadowed all other topics. The headquarters for the local florists' activities has been established at the office of Lord & Burnham Co., 30 East 42nd street, and part of the expense of same is to be paid by the Club, the balance by other co-operating societies. Subscriptions of \$24,500 by the wholesale interests were reported by President Traendly of the Wholesale Florists' Association and the amounts already subscribed by other Club members totalled nearly \$20,000 more. Many members present volunteered their services as bond salesmen to visit the trade in their territory. The Retail Florists' Association, New York and New Jersey Association of Plant Growers and sister organizations are all holding special meetings in the interest of Liberty Bond promotion.

A. T. Delamare, Charles H. Totty and A. Herrington were appointed a committee on resolutions relative to the death of J. Harrison Dick. The new flower show committee was constituted as follows: A. L. Miller, chairman; William Duckham, Chas. H. Totty, Ed. Sceery, W. R. Pierson, Geo. E. M. Stumpp, Max Schling, Charles Schenck, P. W. Popp and F. H. Traendly.

Exhibits of the evening were Antirrhinum "Wier's White" by J. Ebb Wier & Sons, Jamesport, L. I. (highly commended), and freesias by E. Fardel, Great Neck, L. I. (vote of thanks).

STAMFORD HORTICULTURAL SOCIETY.

At the monthly meeting, April 5th, at the home of Miss Helen W. Smith, more than 50 members were present

Meetings Next Week

Monday, April 15.

Detroit Florists' Club, Bemb Floral Hall, Detroit, Mich.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
New Jersey Floricultural Society, Orange, N. J.
New York Federation of Horticultural Societies and Floral Clubs, 1170 Broadway, New York City.

Tuesday, April 16.

Gardeners' and Florists' Club of Boston, Horticultural Hall, Boston, Mass.
Gardeners' and Florists' Club of Ontario, St. George's Hall, Toronto, Can.
Minnesota State Florists' Association, Minneapolis, Minn.
Pennsylvania Horticultural Society, Griffith Hall, Philadelphia, Pa.

Wednesday, April 17.

Rhode Island Horticultural Society, Public Library, Providence, R. I.
Tarrytown Horticultural Society, Tarrytown, N. Y.

Thursday, April 18.

Essex County Florists' Club, Kreuger-Auditorium, Newark, N. J.
New Orleans Horticultural Society, Association of Commerce Bldg., New Orleans, La.
North Westchester County Horticultural Society, Mt. Kisco, N. Y.
Tacoma Florists' Association, Macabee Hall, Tacoma, Wash.

Friday, April 19.

North Shore Horticultural Society, Manchester, Mass.

and, thanks to the hospitality of the hostess, a most enjoyable time was had. A very creditable display of cut-flowers and plants were before the judges.

The awards were as follows: Cultural certificates to A. Alius, Stamford, Conn., for *Cattleya Mossiae*; *Hydrangea Otaksa*, *Amaryllis vittata* hybrida and carnations Princess Dagmar, highly commended; cultural certificates to A. Bieschke, Noroton, Conn., for specimen French hydrangeas; W. Morrow Stamford for *Amaryllis vittata* hybrida; James Foster, Stamford Conn., honorable mention for carnations; A. P. Wezel received an honorable mention for display including carnations Belle Washburn, sweet peas, Narcissus Peter Barr, and Narcissus poeticus Red Beacon.

President Henry Wild gave a short lecture on "Fruit Trees and Vines for Small Gardens," a very timely topic. It was voted that members of other societies, who wish to resign and are in good standing, may become members of our society without any expense to them the first year. It is hoped that this will also be adopted by other societies all over the country for the benefit of all concerned and horticulture at large. Discussions had necessarily to be brief to allow for the social features arranged for by Miss Smith, which were thoroughly enjoyed by all until midnight.

A. P. WEZEL, Cor. Secy.

Noroton, Conn.

CHICAGO FLORISTS' CLUB.

The Chicago Florists' Club met April 4th at the Bismark Hotel, corner Randolph and Wells streets, in their new club rooms. The coal committee of the Club, C. L. Washburn, Aug. Poehlmann and Peter Reinberg, had invited E. T. Mohr and Geo. F. Stamer of the Fort Dearborn Coal Co. to speak on the coal question. All florists were advised to order their supply within sixty days, as the price is fixed by the government and there is nothing to gain by waiting, while delay may be dangerous. The advertising committee reported a big drive for Mothers' Day under way. New and attractive posters have been mailed to every florist in Chicago and to the leading florists in the country. Chairman Lautenschlager announced that while in the East recently he had disposed of more than 30,000 of the Mothers' Day stamps and posters.

The meeting was known as the S. A. F. night and the good-of-the-club committee had arranged for the presentation of an operetta written especially for the club, known as "The Garden of the Allies." Quite a number of ladies and children were present as guests of the club, and all enjoyed the entertainment.

GARDENERS' BOSTON CONFERENCE.

The Gardeners' Conference to be held in Boston under the auspices of the National Association of Gardeners, will meet in Horticultural Hall on Thursday afternoon, April 18th, at 6.30 o'clock. The hour named has been selected as the most convenient time of the day for horticulturists to come together at this season of the year. W. N. Craig will preside as chairman, and an interesting program is being arranged. All gardeners and those interested in their profession are invited to attend.

M. C. EBEL, Secy.

CLUB AND SOCIETY NOTES.

The Royal Horticultural Society of London has awarded a first-class certificate to *Cattleya Clotha* var. *General Pershing* (C. Enid × C. Trianae Grand Monarch).—A beautiful form, one of the best, from the florists' standpoint, ever raised. The sepals and petals of soft lilac tone, the lip crimson. Shown by Messrs. Charlesworth and Co.

The Paterson Floricultural Society entertained a delegation from the Tuxedo Gardeners' Association Saturday night in Cedar Cliff hall, Haledon, N. J. The hall was prettily decorated with carnations, antirrhinums, sweet peas, roses and standard geraniums from the greenhouses of Mrs. A. F. Leonard, Haledon, and Dr. D. T. Millspaugh, Totowa. Thomas Wilson, of Tuxedo, and Professor David Miller, of Edinburgh, Scotland, made interesting addresses. Refreshments were served, and there was an enjoyable musical program.

HIPPEASTRUM (Amaryllis).

The genus *Hippeastrum* is well known to gardeners as the period of activity of the enthusiasts and laborers. It is well known in gardens before the Linnæan period, and the old name *Amaryllis* suggests that it was named for the sweetheart of the Roman poet Virgil. *Sternbergia lutea* was described by John Gerard under the name *Narcissus claustralis major*. Parkinson figured the same plant in his "Paradysus," as well as a red-flowered type, *Narcissus indicus*, which is popularly known at the present time as *Amaryllis formosissima*, native of Mexico and Guatemala. It was probably introduced into Spain previous to 1593.

In 1822 Dean Herbert published "The Production of Hybrid Vegetables" in the Transactions of the Royal Horticultural Society. Under this somewhat eccentric title he devised a complete systematic classification of the known species of *Amaryllis*. The greater part of Herbert's life was devoted to the classification of the order and the cultivation of all the known *amaryllis*, numerous hybrids being raised. In a subsequent treatise the genus was separated, probably through the suggestions of Linnaeus, into *Hippeastrum* and *Amaryllis*, *Amaryllis Belladonna*, indigenous to the Cape of Good Hope, being the only remaining representative, while the western group embraced many species. The separation was not entirely geographical, however, but founded on minute botanical characters. Up to this period the genus had been named successively *Narcissus*, *Lilio Narcissus*, and *Amaryllis*, which, however, are readily differentiated. The liliiums have a leafy stem without spathes, while the *amaryllis* produce naked flower stems with buds inclosed in spathes.

Many Species

There are upwards of 70 described species of *Hippeastrum*, a number of which have been used in the production of the thousands of variable present-day hybrids. The most prominent species, *Hippeastrum Reginae*, a native of South America, was introduced and flowered by Fairchild of Hoxton, England, in 1728, under the name *Lilium Reginae*. It was figured in the Botanical Magazine, 1799, the flower being a short funnel-form variety, crimson in color. *Hippeastrum vittatum*, native of Peru, was imported into Europe in 1769, having white flowers prominently overlaid with red stripes, with a white keel. *Hippeastrum reticulatum*, native of Brazil, was introduced into England by Dr. Gray, in 1777, and was described in the Botanical Magazine, in 1803. The flowers of this species are mauve or purple-red, with cross lines and bars of crimson. *Hippeastrum equestre*, of tropical America, dates back to 1698, and is probably one of the earliest parents used in breeding. Its flowers are bright red with green at the base. Other imported species used are *Hippeastrum aulicum*, introduced from Brazil in 1819, *H. psittacinum*, introduced from Brazil in 1820, *H. solandriiflorum* from Brazil, *H. pardinum* from Peru, and *H. Leopoldii*.

H. Johnsonii, the first recorded hybrid, was raised, in 1799, by an English watchmaker named Johnson, who crossed *H. Reginae* and *H. vittatum*.

Cultivation.

The development of *Hippeastrum* hybrids was taken up commercially by Veitch & Sons, of Chelsea, England, about 1870, resulting in a more open, regular flower. Large groups of these hybrids were exhibited at the annual shows of the Royal Horticultural Society of London. The work of improvement was later taken up by the Belgians, Dutch, and Germans. At the present time thousands of hybrids are raised annually in this country.

There are two methods by which *hippeastrums* may be cultivated, (1) planting outside for the summer months, and (2) greenhouse or pot culture. The first method involves the planting out of bulbs in rows, during the month of May, in a well-drained border and top dressing with cow manure. During summer plenty of water and destruction of weeds are essential. In October the bulbs should be lifted and either potted, or stored in the bulb house and potted two or three weeks before the starting period. One objection to this method is the unavoidable breaking of the numerous thick, fleshy roots, which occurs in the process of lifting and potting, at the expense of the future flowers. It is advocated, however, for the increase of stock, through the agency of side growths which are produced more freely outside. Greenhouse or pot culture is without doubt more satisfactory when the production of perfect flowers is the object. The plants should be transplanted before the starting period, usually January, or top dressed, depending upon their condition. A good heavy soil should be selected, adding leaf mold and sand in proportion, and enriching it by applying bone meal or cow manure. Water should be given sparingly until the plants are well rooted. It is not necessary to transplant annually, but top dressing in alternate years, combined with feeding with liquid cow manure and soot-water, is desirable. After growth is completed, usually by the end of October, the water should be withheld gradually, and the temperature reduced from 60 to 45° F. for the resting period.

Mealy bug and thrips are the two chief insect pests, the former inhabiting the under side of the scales, the latter puncturing the epidermis of the succulent leaves. The mealy bug may be kept under control by forcible spraying, or, when badly infested, by brushing the bulbs with 50 per cent alcohol. Nicotine solution will control thrips.

Hippeastrums are easily raised from seeds, producing flowering bulbs within 4 years. Seeds should be sown immediately after ripening, as they soon lose their vitality. The best method is to sow in sandy soil in flats, placing the seeds about 2 inches apart to eliminate early transplanting. If properly grown, bulbs 1 inch in diameter may easily be obtained by the end of the first year, when they should be transplanted into 3-inch pots or set outside during the summer for further development. —*Mo. Bot. Gard. Bulletin*.

PITTSBURGH EASTER SHOWS.

The annual Easter Flower Show of the Phipps Conservatory, Schenley Park, observed the twenty-fifth anniversary of the institution and, incidentally, the most severe and trying year in its history. The attendance exceeded that of any previous year, which was probably due to the ideal weather prevailing during the week. The exhibits of roses and lilies have never been excelled, the Victoria House in Schenley Park, with its Easter lilies surrounding a center of Crimson Ramblers, being especially noteworthy. Through the agency of Mr. Burke, the "Kaiserskroon" and "Prince of Austria" tulips have reappeared this year respectively as "Field Marshal Haig" and "General Pershing." Foreman Jones says, "We might have been mobbed had we let them go by their old names."

A hyacinth representation of crossed American flags is one of the many attractions arranged by Superintendent A. A. Leach for the private Greenlawn conservatories, where the annual show always rivals those of its municipal neighbors. The chief ensemble of the exhibition is in the show room in sunken garden effect.

THE VOLUNTEER.

I've burned my bridges, I've done the deed
And handed in my name
I've joined the U. S. Naval Reserve
To play in the great war game.
Yes, I'm tired of being a "stay-at-home,"
And all that the term may be,
If there's room "on the ships" for all my
pals,
Then there is room "on the ships" for me.

To how many pals did I say good-bye,
As they swung through town to the boat,
Only to turn away with a tear
And a sob that tore my throat.
Some of them now are guarding our coast,
And some are over the sea,
Each of them answered his name in turn,
So I thought it was up to me.

I said "Not yet,—Don't be in haste,
There is time enough for me,"
So I harked to the call of a softer voice,
Than the roar of the deep blue sea.
But I'm breaking the bonds that bind me
here
Whatever those bonds may be,
If they need ten thousand seamen,
Then they surely must need me.

Perhaps 'twas the sound of the bugle note,
That called from the old town hall,
Perhaps 'twas the sentence that blazoned
forth,
In the writing on the wall.
But whether the blare of the bugle,
Or the poster's passionate plea,
I suddenly woke to the salient fact,
That their message was meant for me.

So I walked in where the open gate
Seems to beckon to half the town,
I walked in Thomas Brown, Esquire,
But I walked out Seaman Brown.
The Ensign was counting one hundred and
one,
One hundred and two, and three,
"You may make it one hundred and four,"
said I.
And one hundred and four was me.

So I've burned my bridges, I've done the
deed,
And handed in my name,
I'm down on America's team to play
In liberty's great war game.
I'll don the sailor's clothes of blue
To fight in the fight of the free,
And I thank my God that the call that
came
Found an answering voice in me.

JOHN J. MURPHY.

With apologies to the author of "The
New Recruit."

Obituary

James MacGregor.

James MacGregor, gardener for Miss Thayer, Dublin, N. H., passed away on Saturday, March 31, after an illness of about a year, aged seventy years and three months. Mr. MacGregor was born in Bankfoot, Perthshire, Scotland, and came to this country as a young man, his first position being on the estate of J. H. White, Brookline, Mass. From there he started in business for himself as florist and landscape gardener but after about ten years returned to his vocation as private gardener, in charge of the estate of the late Robert C. Winthrop in Brookline, where he remained after Mr. Winthrop's death in the service of Miss Thayer, who succeeded to the property. Later he took charge of Miss Thayer's estate in Manchester-by-the-Sea, where he was foremost in the activities of the horticultural fraternity and was one of the founders of the North Shore Horticultural Society and one of its first presidents. Four years ago he left Manchester to look after the estate of Miss Thayer at Dublin, N. H.

James MacGregor was a man in whom human sympathy and kindness was highly developed. His was a most lovable personality, and this fact together with his cultural abilities made for him many deep and enduring friendships wherever he became known. For the North Shore Horticultural Society in its infancy he was an indefatigable worker and in everything appertaining to the welfare of the craft he was ever zealous. He leaves a widow and two daughters. Burial was in Manchester, Mass.

William Just.

William Just, of 132 York street, Brooklyn, N. Y., a tree trimmer for

the department of parks, was killed in a peculiar manner while at work on a tree in front of 896 Willoughby avenue. A rope tied to the tree stretched across the street and was fastened to another tree. An automobile hit the rope, causing the tree to fall and Just to land on his head. His skull was broken.



JAMES MACGREGOR.

John James Nugent.

John James Nugent, of 133A Quincy street, Brooklyn, a retired florist, formerly of Rochester, N. Y., died on Monday of stomach trouble. Mr. Nugent was born on Staten Island, in 1848. He is survived by his wife, three daughters and two sons.

PUBLICATION RECEIVED

Proceedings of the Thirty-third Annual Convention of the Society of American Florists and Ornamental Horticulturists, for the year 1917.—This is as usual a valuable publication, full of information as to the activities of the trade in all sections of the country and the details of the work being done by the great national organization through its manifold departments and allied bodies. Full report is given of the sessions at the annual convention and trade exhibition in New York City, also the proceedings in full of the Florists' Telegraph Delivery Association and Florists' Hail Association of America. The list of members, both life and annual, shows a substantial increase. The book contains 430 pages and an excellent portrait of Past President R. C. Kerr appears as a frontispiece. Secretary Young has given us a very creditable piece of work in this carefully edited and useful volume.

CATALOGUE RECEIVED.

Elm City Nursery Co., Edgewood, New Haven, Conn.—1918. Price List of Choice Trees, Evergreens, shrubs, Vines, Roses, etc., an extensive and well arranged catalogue, without pictures.

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American business must go "over the top" at once in a quick drive to make Thrift Stamp Day an overwhelming success. You wholesalers, you jobbers, you salesmen, must talk Thrift Stamp Day among your trade, arouse the enthusiasm of the retailers, the storekeepers, the clerks behind the counters. Uncle Sam needs your help. A practical plan has been prepared showing how each one of you can "do your bit" to make Thrift Stamp Day a red letter day in American business annals. Write for this plan today without fail. Remember, in helping Uncle Sam you are helping business and helping yourselves. Address Mr. W. Ward Smith, National War Savings Committee, 51 Chambers St., New York City.

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"PRACTICE AND THEORY IN HORTICULTURE."

An Illustrated Lecture by Professor E. A. Wilson, Cornell University, Delivered Before the B. R. H. Club

Under the conditions of yesterday it was possible for the machine man, the rule-of-thumb horticulturist, to turn out his third class products and market them for a fourth-class price, and yet live. Today, with the vastly increased difficulties confronting the florist and the orchardist this slipshod road to success is barred. Insects new to the gardener, diseases that were not heard of a year or two ago are continually presenting new difficulties to the florist and vegetable grower on the one hand, while the competition in an increasingly critical market is growing sharper every day. While difficulties seem to have conspired to complicate the cares of the horticulturist, we must not forget that he has shared in the general scientific progress of the times, and that his work, like that of other industries had increased its total content of practical knowledge as a result of the accumulation of the experience which practical gardeners have added to the complex body of facts which a gardener must master before he can lay claim to any practical efficiency.

The new man, the modern horticulturist, feels the need of science to aid him in the practical work of his greenhouse range or nursery. This does not mean that science can take the place of practice or that theory can somehow enable one to escape hard work, as some persons seem to suppose. Science is nothing more than an assembly of practical experience so organized and classified that general truths may be drawn therefrom. It is a truth often commented upon that practical men lack science and scientific men are not practical, and no one in his senses would deny that if it were possible to have only one of these types of training, the practical would get him farther in the work of the world. The right attitude, and the one best calculated to bring on the progress of any department of work, is for the practical man to have as his goal an ever increasing knowledge of science, and for the theorist to bear ever in mind that his theory is worse than valueless if it cannot be applied in a practical way. It sometimes happens that the work of a scientist is of such an abstract nature that its usefulness is hard to see, yet we are startled every day by some practical application of a science hitherto thought far beyond the realm of everyday use. An example of this is the work of Father Mendel in the field of genetics. He had, in all probability, not the faintest knowledge of the extent to which his purely theoretical work with the breeding of garden peas would some day influence the horticultural world.

I can furnish numerous examples of young men who have made good with the help of a college training in horti-

culture. Whether they would have done substantially as well without it, it is of course impossible to say; but it may be safely asserted that the success is much more uniform among those thus trained than among an equal number of men who have not had this advantage. We can take a man of quite limited brains and, with systematic training, turn out a result that is really surprising. One must always remember that the number of practical men who succeed in proportion to the number of those who attempt is small, and for one who makes good there are many who fall by the wayside. We occasionally meet with those who are broad-minded enough to see the advantage of the training we have to offer, even though success without it apparently lies before them. A young man once came to me who had just received a most attractive offer to manage a horticultural establishment. He felt, however, that he was not well enough qualified to render worthy service to his employers and, therefore, wished to take a course in horticulture to supplement his practical knowledge. (The writer is here constrained to observe that it is a pity that this attitude is not more wide-spread, for in his observance most park superintendents never question their ability to cope with any condition that comes along and hold any position without the slightest practical knowledge of horticulture or landscape work.)

Our instructional work is divided into a number of main divisions and the fundamental preparation is given the student in the various departments of the University dealing with sciences bearing upon horticulture such as chemistry, soil technology, botany, plant breeding, plant pathology and plant physiology. I shall briefly outline the way in which the work of these collateral sciences co-operates to aid in a thorough basic knowledge of the work of horticulture.

By a study of the functions of the plant, the activities of the cell, and the processes of growth, respiration, assimilation, and reproduction gained through the study of plant physiology. Apparatus designed to so control the environment of plants that the effect of a single growth factor may be measured, are used to study the influence of various types of environment upon the living plant. The transpirograph is an instrument for determining the rate at which a plant transpires or gives off moisture. This is shown to be at a varying rate dependent upon whether the plant is tested in a humid or dry atmosphere. A considerable amount of very promising work has been done at Cornell along the line of the etherization of plants to intensify the rest-period and force them into growth and cause them to produce flowers in mid-winter. A box, tightly lided is used to hold the plants which are placed therein in dry sand in early winter. The clumps are best handled rather dry for the ether like all other gases is absorbed by water. Ether in specific quantity is then introduced into the boxes and the plant is thus treated for 24 hours. It is then removed, watered, and given suitable greenhouse culture. In this way lilacs, astilbes, and deutzias

are brought into bloom in mid-winter. It is not yet certain whether this method would be practical for the commercial florist, but it is worthy of investigation, for the flowers and foliage developed under these treatments is superior to that of plants forced without etherization.

In the study of the soil, plants are grown with various nutrient solutions to determine what are the essentials in plant fertility. A series of plants is grown with a nutrient solution from which a single (different) element is omitted in each case. By this experiment, it is possible to determine the effect of the absence of calcium phosphate, magnesium sulphate, sodium nitrate, ferrous chloride (iron), or potassium upon the plant. A chemical analysis of the soil can tell the horticulturist nothing; for the availability of plant-food is the all-important feature of fertility. A quantity of plant-food far too small to be detected by the most accurate chemical analysis, is capable of doubling the yield of a given soil, on the one hand, while no amount of unavailable fertilizer, however large, could increase the yield of the soil. There is no chemical method of ascertaining whether or not the constituents of a soil comprise available or unavailable plant-food, the plant alone can tell you this. It is by the mechanical analysis of soils that we can get a line on what they are through the work of the laboratory. All soils are made up of four component parts—clay (the particles of which are the finest), silt (the next coarser), sand, and gravel. If we know the percentage of these constituents, we can predict to some extent the properties of the soil, and recommend methods for handling it. A New England rose-grower in locating his range, procured samples of sand from various parts of New England with a view to determining which locality furnished the type of soil he was looking for. When he finally selected his location based upon these investigations, the remark was made by one in touch with his work that he had "a veritable gold mine in his soil."

Another science subserving horticulture is that of genetics. The plant-breeder has done much to give the horticulturist plants that are of finer beauty, better flavor, hardier, and better able to withstand the conditions of various environments. The work of Mendel has led to the scientific study of the definite mathematical laws of heredity whereby the results of hybridization can be predicted, and a definite goal worked for in the developing of a strain, or variety. We have but to look at a specimen of *Chrysanthemum indicum* recently brought out by Dr. Bailey from China to realize that the work of plant-breeding is a very important part in the development of our florists and other crops.

Finally let me not fail to mention the great progress that has come as a result of the splendid development of the modern greenhouse. Compare it with the little dark structure of yesterday, and realize what a tremendous advantage we have over our predecessors in the work.

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MANETTIA BICOLOR.

FOR NEXT CHRISTMAS.

As timely subjects for advance attention we present pictures of two useful plants for the Christmas trade which should now be going through their preparatory stages for next season's holidays. Of Otaheite oranges, well grown and with fruit nicely colored there are never too many for the plant trade demand. After their required period of rest in the winter the little trees should now have careful attention to produce perfect foliage and abundant flowers early in the season so that fruit may have full time to mature and ripen up. Oranges should not be overpotted and a carnation house temperature is as high as they should go. Mealy bug and scale are their principal enemies and must be constantly followed up.

Manettia bicolor is a well-known graceful twining plant, with pretty scarlet and yellow tubular blossoms, easily grown but not grown as much as it deserves for the holiday trade. Cuttings from the young growths root



OTAHEITE ORANGE.

readily and it is a rapid grower. Look out for red spider and mealy bug and do not allow the Manettia to get pot-bound.

The photographs which we reproduce were kindly supplied by A. L. Miller. The Manettia shown is in an 8-inch pot and the Orange in a 5½-inch pot.

A PROMISING SEASON SOUTH.

Reports from the South are very cheering as to the spring outlook. The peach crop in Georgia promises to be very heavy. The trees are overloaded.

The spring weather has been remarkable and rarely has there been such a profusion of bloom on both cultivated and wild plants and trees as is seen this year.

GREENHOUSES BUILDING OR CONTEMPLATED.

Opelika, Fla.—Opelika Floral Co., four houses.

Much of the acreage formerly allotted to melon growing in Italy will be put under wheat this year, according to reports received by the U. S. Food Administration. Native supplies of wheat in Italy are light. Japan is also making efforts to increase her wheat acreage greatly; also to build ships for carrying Japanese and Australian wheat in the Pacific trade.

Fall River, Mass.—Walter Chase has commenced his duties as landscape gardener on the Parkes estate

at Warren's Point. Frank Brown has charge of the Rathbun estate this season.

VEGETABLE FORCING

By Prof. E. L. Watts

Which has just come from the press. This book was produced in response to numberless inquiries for a practical up-to-date volume on the forcing of vegetables. In our judgment it is the most complete, final and authoritative work on forcing ever issued. The author of this intensely practical book has had a large experience in growing crops under glass. He gives clearly and concisely, complete instructions covering Greenhouse Construction, Soil, Preparation, Insects, Diseases, Marketing, Cropping System, and the growing of all of the most important Vegetable Forcing Crops. The book will be found equally valuable to amateurs and experienced gardeners.

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SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. O. Scarlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

Report on Seed Corn.

The seriousness of the seed corn situation in the central and north central corn producing areas warrants making every possible effort, not only to conserve supplies, but to make provision for an adequate and economic distribution of all seed corn that is suitable and available for planting this spring. Various agencies are assisting in the present seed corn situation, but the obstacles have been many and the progress made has not seemed to meet wholly the situation that prevails.

The Bureau of Markets Seed Reporting Service is planning to issue special weekly reports on seed corn beginning April 6 and ending June 8, 1918, in the central and north central corn producing areas. The areas of serious seed corn shortage practically comprise seed reporting divisions numbers 4, 5, and 6, which included Illinois, Indiana, Ohio, Lower Michigan, and Kentucky in Division 4; North Dakota, South Dakota, Minnesota, Upper Michigan, and Wisconsin in Division 5; and Nebraska, Kansas, Iowa and Missouri in Division 6. The headquarters of these divisions are respectively: Chicago, Ill., Minneapolis, Minn., and Kansas City, Mo.

Every grower or dealer who handles seed corn in a commercial way, or who has on hand approximately 50 bushels or more of seed corn, at any time during the period indicated above, is required by the Secretary of Agriculture, under authority conferred upon him by the food production Act (Public No. 40, 65th Congress), to report regularly to the branch office of the Seed Reporting Service of his division on forms provided for this purpose. The information requested covers quantity, varieties, prices, and germination of all stocks of corn held for seed or offered for sale as seed corn by growers and dealers. The reports are to be mailed to the branch office on Wednesday of each week; the data will then be tabulated and the summary of these data mailed from the branch office of the division on Saturday of the same week to all who make reports of stocks or holdings, and to any others who may request that they be put upon the mailing list to receive this service.

In addition to the periodical weekly reports which will be mailed from the branch office, the information received will be kept on file and used for furn-

ishing specific information to answer special inquiries that may come to the office from either buyers or sellers of seed corn. An endeavor will be made to render every possible assistance in order that every bushel of the available, limited supplies of seed corn in this area may be put to the best possible use, and not a bushel of good seed left unused at the end of the planting season.

Any one wishing to receive the reports as issued should address the branch office of the Seed Reporting Service of the division in which he is located. The addresses of these offices are as follows: for Division 4, 59 Board of Trade Building, Chicago, Ill.; for Division 5, 320 Flour Exchange Building, Minneapolis, Minn.; and for Division 6, 222 Produce Exchange Building, Kansas City, Mo.

The mailing lists of the Department contain the names and addresses of practically all regular dealers and growers of seed corn, but in the present emergency there are many who are handling seed corn, or who may have stock on hand who would not regularly be included in these lists. Therefore it is requested that every one who is engaged in the seed corn business at this time in any way makes application to the branch office of the division in which he is located for blanks upon which to make weekly reports.

The British Way

I had an opportunity the other day of going through a busy seed-testing establishment—not the new Government station, but a place of great importance to the seed-trade for all that. It was an education as to the real import of the new seed-testing order, which, naturally, has brought about a vast increase in the work handled. The simple test of germination is but a mere item in the whole programme, for one finds the analysis of seeds, detection of weeds, especially in grasses and clovers, and the microscopic examination of many seeds that are liable to infestation of fungoid or other diseases are dealt with with extreme care and precision, and to see the results of such examination of samples which upon a casual glance appeared to be very good, leads one to realize that irksome though new regulations may be, the seed testing order is calculated to be of considerable advantage to the trade.—*Hort. Trade Journal*.

Field and Garden Seed Exempt from Embargoes

Field and garden seed will be unconditionally exempted from all embargoes, according to an announcement from the United States Department of Agriculture following a conference between Edward Chambers, director of traffic for the United States Railroad Administration; Clarence Ousley, Assistant Secretary of Agriculture; and other members of the Department of

MICHELL'S ASTER SEED

CREGO. White, Blue, Shell Pink, Rose Pink, Purple, Lavender. Trade pkt., 30c.; \$1.50 per oz. Mixed Colors Trade pkt., 30c.; \$1.25 per oz.

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Agriculture. Instructions will be issued to all railroads in the United States by the director of traffic to do everything possible to expedite the movement of field and garden seed.

Chicago Seed Trade

The Winterson Seed Co. report sales in the retail department as the largest Saturday for the season in their history. John Degnan says so thoroughly have the newspapers prepared the public for the advance in prices, owing to scarcity of seed, that seldom does a customer even remark about it, also that the demand this season for ornamental stock has swung back almost to normal again and that the call for small fruits, as currants, etc., is noticeably increasing.

Notes.

Flower seeds are selling much better than anticipated this spring, according to the leading seed dealers. Information from Europe is also to the effect that the flower seed business has increased during the past year.

Consul General W. Henry Robertson reports from Buenos Aires, Argentina, that numerous inquiries have been made for flower and garden seeds and nursery stock, and suggests that American exporters in this line send their catalogues for the file of the consulate general.

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Asparagus Plumosus Nanus—1000 seeds,
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Salvia Bonfire—½ oz., 50c.; 1 oz., \$2.00.
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Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White
—Tr. Pkt., \$1.00; ¼ oz., \$2.00; 1 oz., \$5.00.
Snapdragon, Petunias, Verbenas, etc.
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Pretty good fellows get on the wrong side once in a while and we feel it is merely carelessness on their part in not getting on the band-wagon with their subscriptions to help this campaign of ours go "over the top" so that every florist, grower and retailer alike, will eventually benefit from the propaganda.

Don't overlook your duty in this campaign, when by sending your check to the Secretary, John Young, New York, you will have met your obligation to this fund and made this co-operation plan of ours a big success.

We know there are plenty of broad-minded florists who do not feel that it is right to see the other fellow give up and side-step any issue that is for the general upbuilding of the craft as a whole, but who were in the past unable to spare the money, but now that Easter is over can feel like doing their share towards our campaign fund.

Boys! this work of ours, while only in its infancy, if continued will be the best insurance you ever paid for. Look back and think of the difference in the minds of the florists, as regards their feelings about the business now and six months ago. Don't you think the optimism of some of your leaders last year has helped a bit? If you do think so just send a contribution commensurate with the advantages and benefits which you are receiving.

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Russell, Euler, Mock	1.00	to 8.00	3.00	to 15.00	8.00	to 18.00
Hadley	1.00	to 10.00	3.00	to 10.00	2.00	to 10.00
Arenberg, Hoosier Beauty	1.00	to 6.00	3.00	to 4.00	2.00	to 10.00
Ward	1.00	to 6.00	3.00	to 10.00	2.00	to 10.00
Killarney, Radiance, Taft	1.00	to 6.00	4.00	to 6.00	1.00	to 10.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	3.00	to 10.00	2.00	to 10.00
Carnations	.50	to 8.50	2.00	to 3.00	1.00	to 3.00
Cattleyas	25.00	to 50.00	.....	to 50.00	30.00	to 50.00
Lilies, Longiflorum	8.00	to 10.00	12.50	to 15.00	8.00	to 10.00
Lilies, Speciosum	4.00	to 6.00	.....	to 12.50	2.00	to 6.00
Iris	6.00	to 10.00	.....	to 12.50	8.00	to 10.00
Callas	6.00	to 8.00	10.00	to 12.00	8.00	to 10.00
Lily of the Valley	5.00	to 6.00	.....	to 8.00	3.00	to 6.00
Snapdragon	3.00	to 8.00	.....	to 4.00	4.00	to 8.00
Gladioli	.....	to 15.00	.....	to 15.00	.....	to 15.00
Pansies	.50	to 1.00	.....	to .30	1.00	to 8.00
Freesia	1.00	to 2.00	2.00	to 3.00	1.00	to 2.00
Narcis, Paper White	1.00	to 2.00	.....	to 3.00	.....	to 3.00
Roman Hyacinths	1.00	to 2.00	1.00	to 8.00	.....	to 8.00
Daffodils	1.00	to 8.00	.....	to 4.00	.50	to 3.00
Tulips	1.00	to 3.00	3.00	to 5.00	2.00	to 3.00
Calendula	.50	to 2.00	.....	to 2.00	.50	to 3.00
Stocks	1.00	to 4.00	.....	to 1.00	1.00	to 3.00
Wall Flowers	1.00	to 8.00	.....	to 1.00	.....	to 1.00
Mignonette	2.00	to 4.00	.....	to 2.00	2.00	to 3.00
Sweet Peas	.35	to 1.00	.40	to 1.00	.40	to 1.50
Marguerites	1.00	to 2.00	.....	to .75	.40	to 1.50
Gardenias	15.00	to 25.00	.....	to 1.00	5.00	to 15.00
Adiantum	1.00	to 1.25	to 1.00	to 1.00
Smilax	20.00	to 25.00	12.00	to 15.00	15.00	to 20.00
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CUT FLOWERS


Flower Market Reports

The wholesale market **BOSTON** here is in a condition of slumbrous inactivity and should the proposed campaign to draft the unemployed reach into the flower market this week a good string of victims would surely be bagged. Seldom at this season has the market been so depressed. There are heaps of callas, carnations, sweet peas, daffodils and calendulas, crate upon crate of roses and no end of miscellaneous material, most of it excellent as to quality for which there appears to be no sale, and, for which, as it looks to the eye of the inquisitive and reflective observer no special effort is being exerted to force a market. It is all very nice stuff but it doesn't pay any labor or coal bills or buy a frock for the youngster until it is turned into money. If this is to be accomplished at such a period as the present the flower trade will have to do something more than hang a "Say it with Flowers" sign in the show window.

After the splendid business of Easter week it was to be expected that trade would drop off and this is what occurred. After the middle of the week buyers became less frequent and both wholesaler and retailer found the last of the week very quiet compared with the previous one. Even Saturday was quiet. Stock is fine and customers have everything to choose from. Shipping trade also is slow, the same conditions prevailing outside as exist here.

Business is fair. The **CINCINNATI** supply of stock is large and, while the demand is steady, it is not large enough to take up all the receipts and prices have dropped considerably. Immediately after Easter the cuts of roses became heavier than previously until now the supply is more than enough. Sweet peas are very plentiful and the same is true of carnations. Lilies and callas are also in a good supply. Outdoor narcissus and tulips are coming into the market.

In common with the **NEW YORK** rest of the country and perhaps to a greater degree this market is enduring the customary period of desuetude following a special flower holiday. Ever since Easter the flower trade has been hibernating most of the time but the stock keeps pouring in just as if there was a call for it all. Accumulations are inevitable under such conditions and there is just one alternative—bulk sales to speculative purchasers at mere nominal prices. Thus much of the material is sent adrift just now. We cannot truthfully say that anything is really scarce or that there is any present or prospective active demand for any particular goods. There



BEAUTIES

are coming in better than ever, splendid quality they are, in all lengths and in any quantity from the specials to the shorts, at

	Doz.	100
Special	\$4.00	\$30.00
Fancy	3.00	20.00
Extra	2.00	12.50
First	1.50	10.00
Short	1.00	5.00

EVERYTHING IN CUT FLOWERS, PLANTS, GREENS, RIBBONS AND SUPPLIES.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES—Per 100 TO DEALERS ONLY

	CINCINNATI April 8		CHICAGO April 8		BUFFALO April 8		PITTSBURGH April 8	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	40.00	to 50.00	40.00	to 50.00	30.00	to 50.00
" " Fancy and Extra.....	25.00	to 35.00	30.00	to 40.00	25.00	to 30.00	20.00	to 25.00
" " No. 1 and culls.....	8.00	to 15.00	8.00	to 15.00	5.00	to 10.00	10.00	to 15.00
Russell, Euler, Mock.....	6.00	to 15.00	5.00	to 25.00	5.00	to 10.00	8.00	to 20.00
Hadley.....	6.00	to 15.00	.....	to	5.00	to 15.00	.....	to
Arenberg, Hoosier Beauty.....	4.00	to 10.00	5.00	to 20.00	5.00	to 15.00	.....	to
Ward.....	4.00	to 8.00	4.00	to 10.00	3.00	to 5.00	4.00	to 12.00
Killarney, Radiance, Taft.....	3.00	to 8.00	4.00	to 10.00	3.00	to 6.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon.....	4.00	to 10.00	5.00	to 12.00	5.00	to 10.00	4.00	to 12.00
Carnations	2.00	to 3.00	1.00	to 3.00	2.00	to 3.00	3.00	to 4.00
Cattleyas.....	50.00	to 60.00	40.00	to 60.00	40.00	to 50.00	60.00	to 75.00
Lilies, Longiflorum.....	10.00	to 12.00	8.00	to 10.00	8.00	to 10.00	12.00	to 15.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	.....	to
Iris.....	.....	to	5.00	to 8.00	.....	to	6.00	to 10.00
Callas.....	6.00	to 10.00	8.00	to 12.00	10.00	to 12.00	12.00	to 15.00
Lily of the Valley.....	.....	to 6.00	5.00	to 6.00	6.00	to 8.00	6.00	to 8.00
Snagdragon.....	6.00	to 10.00	6.00	to 15.00	4.00	to 10.00	8.00	to 12.00
Gladioli.....	.....	to .....	.....	to .....	.....	to .....	.....	to
Pansies.....	.....	to 1.00	75	to 1.00	.50	to 1.00	.....	to 1.00
Freesia.....	2.00	to 3.00	.....	to	2.00	to 3.00	2.00	to 4.00
Narcis, Paper White.....	.....	to 2.00	2.00	to 3.00	2.00	to 3.00	.....	to 3.00
Roman Hyacinths.....	2.00	to 3.00	.....	to	2.00	to 3.00	.....	to
Daffodils.....	1.00	to 3.00	2.00	to 5.00	2.00	to 3.00	1.00	to 3.00
Tulips.....	2.00	to 4.00	2.00	to 5.00	2.00	to 3.00	3.00	to 4.00
Calendula.....	2.00	to 4.00	2.00	to 3.00	2.00	to 3.00	1.00	to 2.00
Stocks.....	2.00	to 3.00	.....	to	3.00	to 4.00	.....	to
Wall Flowers.....	.....	to .....	.....	to	1.00	to 3.00	1.00	to 3.00
Mignonette.....	4.00	to 6.00	3.00	to 6.00	3.00	to 5.00	2.00	to 4.00
Sweet Peas.....	.50	to 1.50	1.00	to 1.50	.50	to 2.00	.50	to 2.50
Marguerites.....	1.00	to 1.50	.75	to 1.00	1.00	to 2.00	2.00	to 3.00
Gardenias.....	.....	to	15.00	to 25.00	20.00	to 25.00	.....	to
Adiantum.....	.....	to 1.00	1.00	to 1.50	1.00	to 1.25	.75	to 1.50
Smilax.....	15.00	to 20.00	12.00	to 20.00	.....	to 20.00	.....	to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	50.00	to 75.00

should be, we all feel, but there is something lacking it would seem. And summer is not far away.

As is usual in **PHILADELPHIA** an after Easter week, trade fell off a little and there was a considerable increase in supplies of cut flowers consequent on the advancing season and fine weather. Roses were probably the worst sufferers although there was more than plenty all along the line. Carnations went fairly well with the exception of the light pinks. Sweet peas also moved off as well as could be expected. Daffodils and similar items were far too plentiful. The Liberty Loan started on Saturday and according to the experts that hurt the usual week-end clean-up.

Both the city and **PITTSBURGH** suburban Easter business surpassed

the anticipation of the most sanguine, being one if not the most satisfactory in the record of years' experience. This, too, in the face of the fact that express congestion delayed until too late many shipments. Lilies were scarce, and the entire stock was exhausted three days before. Roses, also, were on the short side, but fine as to quality. Sweet peas were plentiful, but, inferior to those of the winter season. With the exception of Easter lilies, all bulb stock was plentiful. Business has continued remarkably good during the week following. Funeral work has largely compensated for the dearth of social entertaining.

(Continued on page 375)

H. E. FROMENT
Wholesale Commission Florist
Choice Cut Flowers
New Address, 145 West 28th St., NEW YORK
Telephone: 1700, 1701, Madison Square.

WM. P. FORD
Wholesale Florist
107 W. 28th Street, NEW YORK
Telephone: 5335, Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS
53 WEST 28th STREET NEW YORK CITY
Consignments Solicited
Phone Farragut 4336

FRANK MILLANG
Wholesale Commission Dealer in
CUT FLOWERS
55 and 57 West 26th St., New York
Coogan Building
Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS
49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT
WHOLESALE FLORIST
109 WEST 28th ST
CONSIGNMENTS SOLICITED
PHONE 608 FARRAGUT NEW YORK 609

THE KERVAN CO
Fresh Cut Decorative Evergreens.
Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - NEW YORK

WILLIAM H. KUEBLER
Brooklyn's Foremost and Best
WHOLESALE COMMISSION HOUSE
A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.

M. C. FORD
121 West 28th St., NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of ALL CUT FLOWERS.
Telephone 5870 Farragut.

WHOLESALE
FLORISTS
A. Young & Co.
54 West 28th St. New York.
Consignments Solicited

P. J. SMITH
WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes.
TELEPHONE 3281 (FARRAGUT) 3095 131 West 28th St., NEW YORK CITY

ALBANY CUT FLOWER EXCHANGE
THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY
SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section
CHARLES MILLANG
Wholesale Florist
55 and 57 W. 26th Street, - NEW YORK
Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK
WHOLESALE FLORISTS
55-57 West 26th Street
Telephones, 13-8510 Madison Square
MAURICE L. GLASS, Treasurer Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Apr. 6 1918		First Part of Week beginning Apr. 8 1918	
American Beauty, Special	\$5.00	to 40.00	\$5.00	to 30.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	8.00	to 10.00	8.00	to 8.00
Hadley	3.00	to 40.00	3.00	to 35.00
Arenberg, Hoosier Beauty	2.00	to 6.00	2.00	to 6.00
Ward	2.00	to 6.00	2.00	to 6.00
Killarney, Radiance, Taft	2.00	to 8.00	2.00	to 6.00
Ophelia, Sunburst, Hillingdon	3.00	to 10.00	2.00	to 8.00
Key	3.00	to 10.00	2.00	to 8.00
Carnations	2.00	to 3.00	1.00	to 3.00

WALTER F. SHERIDAN
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3532-3533 Madison Square

JOSEPH S. FENRICH
WHOLESALE FLORIST
LILIES EVERY DAY
51 W. 28th Street, New York
Telephones, 429-431-433 Mad. Sq.

J. J. COAN, Inc.
High Class Product of the Leading Growers
NOVELTIES A SPECIALTY.
Consignors Please Call or Write.
115 W. 28th St., NEW YORK
Telephones, Farragut 5413 or 5891.

**N. Y. FLORISTS' SUPPLY
COMPANY, Inc.**
103 W. 28th Street, NEW YORK
EVERYTHING FOR THE FLORIST

Frank H. Traendly Charles Schenck
TRAENDLY & SCHENCK
Wholesale Florists
436 8th Avenue, Between 26th and 27th Sts., New York
Telephones: 797, 798, 799 Farragut
Consignments Solicited

REED & KELLER
122 West 25th St., New York
Florists' Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries
Importers and Growers of
ORCHIDS
Cut Flowers of All the Leading Varieties
in their Season.
THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks
Manufactured by
W. J. COWEE, Berlin, N. Y.
10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 373)

Business was very good the week after Easter. Flowers are very plentiful and a lot of bulbous stock is still on the market. There is a very large crop of sweet peas but carnations and lilies are still scarce. Roses and callas are very plentiful and good. Violets are getting poorer each day and the supply will soon be at an end. Daisies, mignonette, bachelor buttons and forgetmenots are offered in abundance.

Roses and carnations are in fair supply, the scarcity in dark colored carnations being the most noticeable. Smilax is scarce. Sweet pea supply has greatly decreased. Southern asparagus has in many instances arrived in poor condition.

PERSONAL.

Walter H. Stampfli, gardener at Tannenbaum Garden, Willoughby, Ohio, has enlisted and will go to Camp Sherman at Chillicothe on April 26.

William Edward Henderson, a gardener on the estate of Andrew Carnegie at Lenox, Mass., accompanied by his wife, went to the British-Canadian recruiting offices in Boston Friday and enlisted in the Canadian artillery. Mrs. Henderson will be left to care for seven children, three of whom, however, earn some money. With the allowance from the Canadian government, she believes she can get along but, if necessary, will go to work. One son is already serving with the Canadians. Henderson served 12 years in the British army in India, China and South Africa. He is a native of Cork.

ROCHESTER, N. Y.

George Cramer is enjoying his usual spring fishing trip.

James Vick's Sons have moved into their new quarters on Stone street.

Dewey Lester, has been appointed official bugler for his company at Corpus Christi, Texas.

H. H. Salmon has returned from California where he has spent several months but expects to go back there.

Fertilizer will be sold at cost in carload lots to farmers, according to word just received at the Monroe County farm bureau, from the fertilizer supply department at Albany.

The window of the Park Department office in Municipal Bld. contained a display of Easter lilies and cinerarias backed with maidenhair ferns. The idea originated with Park Commissioner Wm. S. Riley and is tempting many persons to make the trip to the park conservatory to enjoy the larger display.

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3086

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending Apr. 6 1918	First Part of Week beginning Apr. 8 1918
Cattleyas	40.00 to 50.00	25.00 to 50.00
Lilies, Longiflorum	8.00 to 12.00	6.00 to 8.00
Lilies, Speciosum	3.00 to 8.00	2.00 to 6.00
Iris	8.00 to 12.00	8.00 to 12.00
Callas	10.00 to 15.00	8.00 to 12.00
Lily of the Valley	2.00 to 5.00	3.00 to 5.00
Snadragon	2.00 to 10.00	4.00 to 10.00
Gladioli.....	..... to .....	..... to
Pansies.....	.50 to 1.00	.50 to 1.00
Freesia	1.00 to 2.00	.75 to 1.50
Narcis, Paper White.....	.75 to 1.50	1.00 to 2.00
Roman Hyacinths	1.00 to 2.00	1.00 to 2.00
Dafodils	1.00 to 2.00	1.00 to 2.00
Tulips	1.00 to 3.00	1.00 to 3.00
Calendula	1.00 to 2.00	1.00 to 2.00
Stocks.....	..... to .....	..... to
Wall Flowers	1.00 to 2.00	1.00 to 2.00
Mignonette	1.00 to 4.00	1.00 to 3.00
Sweet Peas	1.00 to 2.00	.50 to 1.50
Marguerites	1.00 to 2.00	1.00 to 2.00
Gardenias	15.00 to 30.00	20.00 to 35.00
Adiantum.....	.50 to 1.00	.75 to 1.00
Smilax	12.00 to 20.00	20.00 to 25.00
Asparagus Plumosus, & Spreng (100 bunches).....	25.00 to 50.00	25.00 to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

Visitors' Register

Philadelphia—T. B. McClintock, Scranton, Pa.; Antoine Leuthy, Roslindale, Mass.

Pittsburgh—J. A. Peterson, Cincinnati, O.; Mr. Bergmann, repr. Bergmann Bros., Holland; E. J. Fancourt, the S. S. Pennock Co., Phila., Pa.; J. J. Goudy, repr. Henry A. Dreer Co., Phila.

Cincinnati—Julius Dilloff, repr. Arthur Schloss & Co., New York; S. M. Rosenfeld, New York; Ed. J. Fancourt, repr. S. S. Pennock Co., Phila.; C. P. Dietrich, Maysville, Ky.; Mrs. Wm. Gerlach, Jr., Piqua, O.

Boston—R. M. Ward, New York City; Robert Shoc, repr. M. Rice Co., Phila., Pa.; W. A. Manda, South Orange, N. J.; J. A. Vandervoort, repr. C. J. Speelman & Sons, Sassenheim, Holland; C. L. Linz and Mrs. Linz, Washington, D. C.; H. Wilden, repr. Warnaar & Co., Sassenheim, Holland.

The Cottage Gardens Nurseries, Inc., of Eureka, Cal., are offering for sale stock to the amount of \$85,000 to the florists and nurserymen as an investment.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not received one.

CINCINNATI.

P. J. Olinger has moved to his new storeroom at 135 East Third street.

Dave Klein has purchased the Newport store of Jas. Tiernan at 639 Monmouth street, Newport, Ky.

Since Chas. Garvey left for Camp Sherman, a fortnight ago, Peter Didier has taken charge of Peter Weiland's wholesale place.

The engagement of Miss Matilda Garges to Deward Morrow is announced. Miss Garges has been associated with her mother, Mrs. Anna Garges in her flower store on Central avenue.

A new feature of the garden movement is under way now in Chicago. President of the County Board, Peter Reinberg, favors using county prisoners for making gardens at Oak Forest infirmary and he is backed by Chief Justice Olson of the Municipal Court and others who are going into the legal phases of the plan. An advisory garden committee from the Chicago Florists' Club offers its assistance to anyone. Oscar Friedman, Carl Cropp, Herman Schiller and Geo. Sykes are the committee.

Local and General News

BOSTON.

Spencer Robert Smith of the Rose Company at the Flower Market this week with a sample room filled with Memorial Day florists' goods.

Al Watson, Chairman, for Wm. H. Elliott, was seriously injured in an accident last week and a report was current in the flower market that it had resulted fatally but this fortunately proved not to be true.

Warren H. Manning and J. Woodward Manning have pooled their interests and will follow landscape designing and gardening, with headquarters for the present at Billerica, Mass., where Warren H. Manning has been located for several years.

There will be a mass meeting of the poultrymen of New England to organize the New England Poultry Growers' Exchange and to take such action as is necessary to conserve and promote the poultry industry of the East. The meeting will be held Tuesday, April 16, at ten o'clock a. m., in Boston at the State House Auditorium, East Wing.

Luke J. Doogue has again been appointed to boom home gardening, particularly among the school children. This year Mr. Doogue will work in conjunction with the committee on public safety. There will be illustrated garden talks by him in Boston schools, and he will personally visit the backyard gardens all over the city and advise their owners.

The school children of Massachusetts have indicated their choice of the trailing arbutus as the state floral emblem. This flower received 107,617 votes, or 49,499 more than its nearest rival, the water lily. The number of children who voted was 241,864. The canvass was made under the direction of the State Board of Education of the Legislative Committee on Agriculture.

Although the committee is not formally bound to abide by the decision of the children, it is probable that it will do so and report to the Legislature a bill designating the Mayflower as the official floral emblem of the state.

NEW YORK.

Anthony J. Manda has taken a position with his brother, W. A. Manda, at South Orange, N. J., as manager in the greenhouses.

Plans are progressing for the erection of the central display greenhouse and the orchid greenhouse in the New York Botanical Garden, Bronx Park, the new structures having been made possible by a \$100,000 donation from Daniel and Murry Guggenheim. The designs have been executed by Brinley & Bird and the work will be done by the King Construction Co. The Avery

Of Interest to Country Estate Owners



The National Association of Gardeners takes this opportunity to introduce its Service Bureau to the owners of country estates and to place it at their disposal when requiring thoroughly competent gardeners—in the capacities of superintendents, head gardeners or assistant gardeners—thoroughly qualified in every particular to assume the responsibilities the positions call for.

The Association seeks the cooperation of every country estate owner in its endeavor to establish a reliable source to which they can apply with every confidence to secure the services of gardeners truly efficient in their profession.

This Bureau is maintained entirely at the expense of the association and makes no charge to the employer it may serve, or to the gardener it may benefit.

Those desiring to avail themselves of the services of this Bureau may apply to—

M. C. EBEL, SECRETARY

National Association of Gardeners

MADISON, N. J.

Architectural Library of Columbia University is exhibiting, and will continue to exhibit throughout April, a series of water-color paintings representing these designs and designs for other structures planned. Amounts donated for the additional buildings include gifts for the garden school shelter by Mrs. Frederick F. Thompson and for the rose garden stairway by Mrs. Robert F. Westcott.

PHILADELPHIA.

Rubrum lilies seem to have been selling better for cut flowers these last few years. The material works in very nicely on memorial work and at the lower prices as compared with white lilies the thrifty ones have been quick to take advantage.

We were surprised to see that

George C. Thomas in his article in the new rose annual for 1918 had discarded Mrs. Chas. Russell. On asking Ex-president S. S. Pennock, he laughed at our ignorance! Wonderful rose for indoors; no good for the garden. Get that new rose annual if you want to keep up to date.

Alphonse Pericat, orchid specialist, was awarded \$4,500 in his claim for \$15,000 against the Delaware County Gas Co. for damages incident to a broken main opposite his greenhouses at Collingdale. The suit was tried before a jury at the County Court House at Media on April 2nd, 3rd and 4th, and testimony was given by Julius Wolff, Samuel S. Pennock, and other experts. The case has excited considerable interest among the growers in this locality.



THE PFALTZGRAFF POTTERY CO., York, Pa.

Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.

WE LEAD IN QUALITY, FINISH AND SERVICE

For Catalogues and Discounts address

AUGUST ROLKER & SONS, 51 Barclay Street, NEW YORK CITY

Our Selling Agents in N. Y., N. J. and Eastern States Territory

PITTSBURGH.

E. J. Weimer of John A. Weimer & Sons of Verona, has eliminated his greenhouse business.

Miss Florence Hood has succeeded Miss Mary Jane Keller in the salesroom of Albert Brigg on Federal street, North Side.

The Tarentum Floral Company of Tarentum, Pa., has such a heavy production that it is disposing of the same through wholesale houses, as well as at retail.

Foreman John W. Jones of the Phipps Conservatory, exhibited some of his Easter tulip collection at the Pittsburgh Florists' and Gardeners' Club last week. H. Rapp showed a splendid schizanthus.

Joseph Gravde, formerly with the Michigan Cut Flower Co. of Detroit, has become a salesman for the Grand Opera House lobby flower shop. He succeeds Joseph Feinberg, who has entered the government service at Camp Lee, Richmond.

Edward Earl Ludwig has returned to Camp Hancock, after spending an Easter furlough with his parents on the North Side. He was accompanied home by his brother, DeForrest W. Ludwig and Mrs. Ludwig, who have been spending the past two months at Atlanta, Ga.

An active campaign leading up to Mothers' Day business was inaugurated at the session of the Retail Florists' Association on Tuesday of this

week. The advertising preparatory to Easter brought satisfactory results, although five "ads" only of moderate space were inserted in local papers.

Two brothers, sons of Mr. Griffith of the I. S. Crall Greenhouse Co. of Monongahela, Pa., are serving their country in warfare against the Hun. Shelby Griffith, who was formerly manager of both the Fox and Arcadia Flower Shops of Pittsburgh, is already on the firing line with the Fifth U. S. Engineers, while Milton Griffith of the Monessen Flower Shop of Monessen, Pa., is supposed to have left Camp Hancock, Augusta, Ga., for the other side.

Cambridge

New York



WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.

Cambridge, Mass.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
Bulbs of all descriptions. Write for prices.
NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

GOOD RETURNS WITHOUT THE COST OF COAL.

WITHIN THE REACH OF EVERY GROWER.

PLANT EARLY CHRYSANTHEMUMS.

Such as will mature before the last of October. We are booking orders for delivery now or later as desired. Complete list of the best early, both Pompons and large flowering supplied upon request. If our 1918 Trade List has not reached you, ask for it.

ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
Stock For Sale.

JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

GLASS

Greenhouse glass, lowest prices. **JOHN-STON GLASS CO., Hartford City, Ind.**

GLADIOLI

GLADIOLUS—Mixed flowering bulbs, 1 in. to 2 in., only \$6.50 per 1000. Send for catalog. **HOWARD M. GILLET, Box H, Lebanon Springs, N. Y.**

GLADIOLI.

SEND FOR MY SPECIAL TRADE LIST OF GLADIOLI. ALL THE LEADING VARIETIES IN DIFFERENT SIZES.

CENTRAL GLADIOLUS GARDENS.

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Harry A. Bunyard, Mgr.

NITOTINE AGENCIES

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CHICAGO.

Bernard Weiss, formerly with A. L. Randall Co., is now in charge of the supplies at the American Bulb Co.

J. Indier has sold his store at 6973 N. Clark street to C. Swanson and expects to take down his greenhouses at 7539 Ridge avenue this summer.

The trade in general is interested in the fact that the Government has purchased 20,000 copies of the May number of the Garden Magazine for free distribution to "those interested."

Enthusiastic work for the third Liberty Loan is being done by the florists. Meetings were held by the wholesalers and growers usually found in the downtown district and others Monday and Tuesday and all are working hard for the loan. They are included in the 19th division which stands pledged for \$3,000,000. August Poehlmann is among those most active. The retailers are working as a separate group and Geo. Asmus and A. Lange have rallied some good workers to their assistance.

The calendula loses no favor as the spring arrives. For many months the bright gold color has been seen steadily in the market and most of it finds ready sale. At Zech & Mann's where the Desplaines Floral Co. consign their product, they say the demand varies little. Allie Zech reports a good demand for all kinds of stock and does not expect the same rush each week as was experienced Easter week. Good stock and your money's worth every time has been the motto upon which they have built up a good business at home and for shipping.

The American Bulb Co. has added another bookkeeper to its office force to help keep up with its increasing business. Just now the shipments of gladioli are very heavy and business in general is reported as good. Cannas and caladiums are all sold out. Harry Goldstein, one of the new directors of the company and formerly proprietor of two department stores, left on Friday for Vancouver, where he will sail on the Empress of Russia for Japan. The American Bulb Co. is planning to further extend their business and Mr. Goldstein's experience as a buyer particularly fits him to represent his firm abroad.

The committee of the publicity campaign for flowers have placed their charts in conspicuous places in the wholesale houses. These charts are interesting reading, as they show the schedule upon which each florists' proportion of advertising money is based. For example, a grower should pay one dollar for every one thousand square feet of glass he is rising, so the man with a place of 100,000 square feet should pay \$100 annually for publicity to help sell his product to the best advantage. The retail florist's share depends upon the business he is doing, and is at the rate of three dollars on every \$1,000. If his sales total \$100,000 per year he should devote \$300 to publicity.

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For Spraying

APHIS PUNK

For Fumigating

Ask Your Dealer For It

NICOTINE MFG. CO.
ST. LOUIS

ST. LOUIS.

The florists' dance on April 17 promises to be a great affair.

George Waldbart is slowly recovering from his severe sickness and hopes to visit his store as soon as warm weather arrives.

Wm. C. Smith Wholesale Florist Co. has installed another large refrigerator to take care of increased shipments. Ed. Kern has been added to the force.

The County Growers met Wednesday, April 4, and W. R. Rowe, president, started up a new system getting the growers to give part of their overstock to the hospitals. Sunday, April 8, gifts were made to the hospitals and on Monday the market supply in carnations and sweet peas was light.

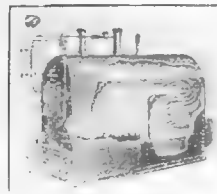


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The Davey Tree Expert Co., Kent, Ohio

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WM. KLEINHEINZ.

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In this tree decay had eaten down through the tree from the crotch almost to the base. Scientific Davey methods stopped the process of decay and saved the tree from an early and certain destruction.

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Vol. XXVII

No. 16

APRIL 20

1918

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ERICAS—President Carnot, Pink; Comte de Vincennes, Pale Pink; Edward VII, Dark Pink.

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All above strong rooted cuttings, \$5.00 per 100, \$45.00 per 1000

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"	MIXED:	\$5.00 per 100; \$45.00 per 1000
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"	RED	
"	YELLOW	\$35.00 per 1000
"	CRIMSON	
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	1st Size 1000	2d Size 1000
America	\$20.00	\$15.00
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MURKIN : : : CALIFORNIA

PATRIOTIC PROFITABLE

HOME-GROWN JEWELS OF THE
PLANT KINGDOM

See Advt. of

Heatherhome Seed & Nursery Co., page 382.

VEGETABLE CULTURE

CONDUCTED BY



Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Potatoes

The potato is undoubtedly pre-eminent among vegetables. It grows on diverse soils and under extremely variable conditions of climate which are reasons sufficient to warrant universal cultivation. To meet ordinary demands planting operations may begin about the third week in April and continue until June. While an annual change of ground is recommended for this crop, it often happens that this provision cannot be made and the cultivator must therefore adopt ways and means of securing the best results possible by careful and proper treatment of the soil. In such cases a cover crop sown at the time of harvesting the potatoes will not only clarify the ground but will supply the soil with valuable humus. The best results are obtainable on newly turned grass land. It matters little whether the ground is plowed in the fall or spring if liberally manured and preferably with horse manure. There is, however, always some waste to fall manuring as valuable properties are lost through leaching during winter and early spring. Some growers, too, object to barnyard manure and claim that its employment on potato ground induces scab disease. The use of rank animal manure undoubtedly has a bad effect where the disease happens to be already prevalent, and in such cases we do not advise this form of enrichment. We also know that "scab" is of a superficial nature and not to be dreaded to any great extent, since it neither interferes with the keeping or edible quality of the tubers. Where successive plantations are made on the same ground year after year it is always advisable, if not absolutely imperative, to annually plant seed from another source. All seed should be treated before planting. Small growers may rub the tubers in flowers of sulphur, but a safer remedy and a quicker method of treating large quantities is to plunge the seed in a solution of commercial formalin, 1 pint in 30 gallons of water. Allow them to steep two hours and lay them out to dry prior to planting.

Leeks

There is probably no vegetable grown which will suffer abuse and yet retain usefulness in being of the same edible quality as the leek. Whether grown to a size no thicker than one's finger or to the dimensions of those fine specimens seen at the best horticultural shows, leeks are always toothsome. For ordinary garden purposes a sowing should be made now on a well prepared seed bed either in frames or else in a sheltered position outdoors, and be subsequently planted either on the level or in trenches to be given similar treatment to celery. Many cultivators pride themselves in producing specimens of the largest size and in this case generous treatment becomes a necessity. These require a long season of growth and must be started in heat early in the year. Plants from these early sowings are now ready for transplanting. Trenches should be opened a foot or more deep and eighteen inches wide. Loosen the bottom of the trench with a spading fork and then place in it 6 inches of well decayed manure. Over the manure put 3 inches of the best top soil previously removed, at the same time adding bone meal at the rate of 50 lbs. to

every 100 feet of trench. Bone meal suits this crop immensely.

Choose fine weather for the planting operation and if after planting cold winds become prevalent, protection should be given to prevent injury. Planting must be done firmly and with the least possible disturbance to the roots. Before planting shorten the leaves a little but only a very little. Apply water to settle the plants and give overhead sprayings in the evening of all warm days. This overhead spray may be given throughout the entire growing season. To obtain really fine specimens single rows are best and the plants should be set at least a foot apart in the row. The blanching of leeks begins from the time of planting. Every two or three weeks a little soil should be carefully drawn up under the lower leaves because if the plants are allowed to become "set" before blanching commences no amount of later earthing will produce the length of stem so necessary. There are various methods of blanching as indeed there are many ways of growing leeks, but for fancy specimens nothing surpasses paper collars. These are made of heavy white paper and are about six inches in depth. One should be placed over each plant and be held in position by a slender stick on either side; the soil is then drawn up and around the collars. For exhibition purposes, and when we mention this we imply produce of the highest table quality—paper collars offer one or two advantages. Not only do they prevent soil from falling into the leaf axils but the grower is enabled to produce a well-defined blanch which is important. There is without doubt much diversity of opinion as to what constitutes an ideal leek. The standard accepted by the best authorities is—very briefly, a stem not more than sixteen inches long, a well marked division between the blanch and green, straight stem free from bulb, and what is always important in most vegetable exhibits, uniformity, solidity and freedom from blemish. As a crop for winter use the leek is highly important, it withstands the severest weather without injury when matured and therefore requires little or no provision for storage. At the time of writing we are digging perfectly sound specimens which have wintered where grown without protection.

Sweet Corn

Sweet corn never comes to the table too early and wherever possible a small batch should now be started in five or six inch pots with a view to later transplanting in the open. If greenhouse space is available so much the better but failing this the hot bed or cold frame will greatly facilitate an early start. Melons, cucumbers, lima beans and squash may be similarly dealt with.

Globe Artichokes

Globe artichokes raised either from suckers or seeds if thoroughly hardened off in cold frames will now be fit to plant. Unless this crop can be thoroughly well grown it is better left alone. Even when well grown globe artichokes occupy great space for the amount yielded. Prepare the ground in advance by deep digging and heavy manuring. Plant three feet apart each way as soon as the weather is settled and in dry weather water thoroughly and then mulch with long litter.

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Short-sighted advice

We were rather surprised to find in one of our widely circulated horticultural exchanges an article recommending the wild "moccasin flower," *Cypripedium acaule*, as a desirable and easily managed plant to force into bloom in the winter. The only way this plant can be procured is by robbing the woodlands where it grows naturally and it is already almost extinct in many localities where it was formerly plentiful, mainly through the wanton picking of the flowers, which are indispensable to its reproduction by seed. This lovely wild flower will disappear rapidly enough without putting new ideas into people's heads whereby its extermination may be speeded up and, since there is no lack of attractive and easily-grown subjects for winter culture, why not let it alone? It is much too precious to be recklessly torn up and its gathering should instead be discouraged as much as possible.

Prospects and problems of the hour

The business prospects for the immediate future of the horticultural industries generally seem not any too bright. It is a widespread belief that the coal problem, while temporarily allayed, is by no means overcome and the labor question enters into all phases and will be an increasingly hard nut to crack. The improbability as regards imports this year of bulbs, plants, and other material which always figures strongly in the carrying-on of the business in this country, now looms up seriously with the chances decidedly unfavorable, judging from the present outlook. The streak of uncertainty in this matter is what gives to it its most disturbing character. If assured beyond any doubt that foreign-grown flower bulbs would under no circumstances be allowed to enter the country during the year to come, the trade could and undoubtedly would proceed to adapt itself to those conditions but who can say that, notwithstanding rulings that may have been made to the contrary, the bars will not be let down at the last minute next fall and, as has happened before, the country loaded up with an avalanche of stuff for which no calculation had been made and which by its presence would bring, as heretofore, more or less demoralization and loss to all who had tried to adjust their business to accord with the exclusion of these commodities.

Our first duty

We shall probably see quite a substantial decrease this year in the amount of glass devoted to the growing of ornamental material. Very few new greenhouses will be put up and many establishments that have been partially or wholly shut down the past season will hardly come back for the present, while there are probably not a few others that will follow suit. It is, however, quite possible that the inevitable curtailing of production, instead of the continual increase to which we have been long accustomed, may have a bracing effect on the florist trade, tending to more substantial and regular values and thus offsetting somewhat the influence of the more moderate buying by the public which, for very obvious reasons, the trade now accepts as a factor in the immediate business future.

It is most encouraging to note how loyally and without murmur the trade accepts the burden which is peculiarly theirs. They take the attitude that no sacrifice can be too great if necessary to the winning of a decisive and permanent peace on terms that will conserve all that we hold dear. Whether florists or farmers, seedsmen or nurserymen, it is their whole-souled purpose to so adjust their economic and business existence to conform to that national industrial solidarity which is our only salvation in the crisis that we must now face and make an end of forever. From what we know from frequent intercourse with the people in the horticultural industries it is very evident that they will not be outdone by any other class in patriotic effort and in willing sacrifice in every possible way that may help their Country in this life and death grapple between democracy and military autocracy. It is impossible to go through such a titanic struggle without great sacrifice and it is only right and just that we who stay at home and do not put our life blood into the conflict should willingly bear our share in other ways. To win the war is the one paramount proposition and our trade uncertainties and burdens all put together are as nothing if their infliction only contributes towards ultimate victory for the Cause.

THE PUBLICITY CAMPAIGN

President C. H. Totty has appointed S. A. Anderson, Buffalo, N. Y., to fill the vacancy on the Publicity Committee occasioned through the death of Joseph Heacock.

The Promotion Bureau has sent out another broadside featuring the direct aid publicity service provided by means of newspaper cuts, glass signs, transfer signs, lantern slides for use in the "movies," the booklet "Say It With Flowers" and stickers for use on envelopes, boxes, etc. All orders for newspaper electrotypes are filled the same day as received, so that anyone requiring the electrotype featuring the Mother's Day advertisement may by ordering immediately be assured of receiving it in ample time for use.

From the newspaper clippings reaching the Promotion Bureau from various sources it is evident that the newspaper electrotype for Easter was largely read, thus linking up splendidly with the campaign advertisements in the Woman's Home Companion and Literary Digest, which together go

into nearly two million homes of the better class. Reports from florists received from many sections of the country indicate that the good influence of the Campaign advertising was felt in the Easter business, and the committees are being congratulated upon the general excellence of their work. "Keep it up" is the general recommendation of the trade, and with the help very reasonably expected it will be kept up.

But the fund must be kept up, too. The ammunition must be in the treasury—not merely on paper. Every dollar is judiciously expended on the object for which it is subscribed, and there is use for twice as much as is already recorded, and more.

The Promotion Bureau has published a list of the names of all subscribers to the Campaign Fund, with the amounts of their subscriptions. Any florist who has not already subscribed should write for a copy and see what his neighbor is doing—perhaps the observation may lead to his determination of the amount he would like to subscribe. The amounts are purely voluntary—there is no dictation, no criticism. It is a matter of what one can afford, or what one's business will

stand; and, as has been pointed out before, a subscription is really an investment, and should be considered as such.

It should be borne in mind that it is not the purpose of the Publicity Campaign to merely boom business for special days. While special days are, of course, featured, the prime object of the movement is to increase the daily demand for flowers, to make their use general rather than exceptional, and a necessity in the home.

Many wholesale houses have ordered small stocks of the glass signs, which they will distribute in their different sections at the regular cost—\$1.50 each. Every retail florist in the land should display at least one sign in his window. Its appeal, "Say It With Flowers," will become the stronger the more it is used. Many millions of people every day will be attracted by the message thus generally conveyed, and its good effect will be so large as to be incalculable. The design of the slogan is readily connected with its counterpart in the magazine advertisements, so that its purpose is instantly brought to mind.

1170 Broadway, New York.

JOHN YOUNG, Sec.

VEGETABLES STARTED IN FLOWER POTS.

Mr. Editor.

Dear Sir:—You surely have many a reader interested in the raising of vegetables for the market, truck gardeners, private gardeners and others. We should like to ask some of these experienced people whether it is correct that vegetables when started in flower pots before being set into the open, or into the forcing bed, will prove of stronger constitution, and as such more prolific in the crops? To us it will be of interest to have a correct answer to this, though we are aware that in all such matters even experts are apt to differ somewhat in their views. If you will kindly give this letter publicity through your valued columns, we will be thankful.

Yours very truly,

W. R. S.

New York.

BEWARE OF THIS SWINDLER.

A man representing himself as "W. H. Ward," or claiming falsely to be a relative of Ralph M. Ward, of New York, has been operating in various places in New England, borrowing money on spurious checks, etc. R. M. Ward has had a number of anxious inquiries from florists who have been victimized by this impostor. Should he make application to any of the readers of this notice, they should have him arrested.

PRIZE DINNER TABLE DECORATION.



ROSALIND ROSES AND ADIANTUM FARLEYENSE.

The accompanying picture shows a very tasteful table decoration at the recent International Flower Show in New York City. It was the work of Alfred T. Bunyard, whom we have had frequent occasion to commend for his excellent taste in such matters. The only material used was

F. R. Pierson's exquisite new Ophelia rose, Rosalind, with Adiantum Farleyense. These two gems in their respective lines made an ideal combination. In our cover illustration this week appears another of Mr. Bunyard's masterpieces, the only material used in this instance being the dainty little pink Baby Doll rose.

The monthly meeting was held in Greenwich, Conn., on April 12. James Scott, from Elmsford, N. Y., spoke upon the Future of Horticulture in America, giving an excellent lecture. Mr. Turner, Mr. Conine and Mr. Foster also spoke on the same subject. The judges made the following awards: *Cytissus* Andræanum from James

BUY LIBERTY BONDS Memorial Day Headquarters Germany

The Kaiser is the most brutal beast for all time. Knock his eyes out by purchasing Liberty Bonds. President Wilson passed through great humiliation and suffering in the hope of preventing war, but the German beast could not understand Justice. There isn't one chance in a billion for that beast to beat our Glorious America.

"After the war" must be considered. The Boston Floral Supply Co. is preserving Cycas, manufacturing a large variety of artificial Flowers and Baskets. These commodities are manufactured right in our own premises. Before the war Baskets, Cycas and Artificial Flowers were imported from Germany. In less than three years, the Boston Floral Supply Co. has become one of the largest manufacturing houses of Florists' Supplies in the country. Prompt courteous service, All goods, small profits, are the reasons for our rapid growth.

Now is the time to give us your order for plain wreaths or decorated wreaths or sprays, or wax designs or wire frames or Cycas, etc. On account of many embargoes, and the times in general being very serious, we would sincerely advise you not to delay giving us your orders. By so doing, you are getting the best goods in the country at the lowest prices.

WAX FLOWERS

	Per 1000
WAX ROSES (3 sizes). Pink, White, Yellow, Golden Gate.	
Size A	\$12.50
Size B	16.00
Size C	22.00
EUDS, Pink and White.....	8.00
CARNATIONS, (large size).	
Pink, White, Golden Gate..	15.00
SWEET PEAS (very beautiful). Pink, White, Lavender	4.00
	Per 100
EASTER LILIES	\$ 2.50
CALLA LILIES (small).....	2.25
CALLA LILIES (large).....	3.25
We handle a full line of	
CREPE ROSES, such as	
Pink, White, Golden Gate,	
Russell and Yellow. Per M.	\$15.00

MAGNOLIA WREATHS

Beautifully decorated with roses, carnations, sweet peas, lilies, etc. Each wreath securely packed in a separate, full telescope box.

	Per doz.
10 inch frame.....	\$ 8.50
12 inch frame.....	10 50
14 inch frame.....	13.50

MAGNOLIA WREATHS

PLAIN

	Per doz.
10 inch frame.....	\$ 4.80
12 inch frame.....	6.00
14 inch frame.....	7.50

SPRAYS

Tin foil wrapped. Made of roses, carnations, sweet peas, or Easter lilies, including full telescope box..\$.65
Can easily be retailed for.... 1.50

WAX DESIGNS

These designs come in wreaths, crosses, crescents, anchors, hearts, etc.

8 inch frame.....	\$.60
10 inch frame.....	.85
12 inch frame.....	1.25

These are the most beautiful designs we have ever made. Give us a trial.

BOSTON FLORAL SUPPLY CO., Inc.

347-57 CAMBRIDGE STREET
BOSTON, MASS.

Stuart, 1st prize; calceolarias from W. Graham, 2nd; carnations from R. Williamson, 3rd. The following received honorable mention: Lemon tree from S. Duthrie; Iris Hispanica from F. Lagerstrom; Iris Hollandia from R. Williamson, and dahlias from P. W. Popp. Robert Williamson took 1st prize with a fine collection of vegetables, greenhouse grown; James Stuart, 2nd. Pres. Popp celebrated the advent of an addition to his family by treating the members to sandwiches and light refreshments.

JACK CONROY, Cor. Sec.

CLUB AND SOCIETY NOTES.

E. A. Smith, the local florist, addressed the New London (Conn.) Horticultural Society at its monthly meeting in the council chamber, Thursday night, April 11. His subject was "War Gardens."

At the meeting of the Rhode Island Horticultural Society at the Public Library, Providence, on Wednesday, April 17, J. Curtis Hopkins, Chepachet, R. I., lectured on the control of Insect Pests and Plant Diseases attacking garden crops.

NOT A BAD IDEA.

Fresh flowers to be placed on her grave every Sunday for 10 years are provided for in the will of Tillie Block, of Cincinnati. She provides a fund of \$2,500, the income to be used to buy the flowers. The remainder of her \$25,000 estate is given to relatives.

ABUTILON SIEBOLDI.

Strange to say, we do not find this desirable abutilon listed by either Nicholson or Bailey. All the abutilons are attractive and popular, and few plants are more easy to grow. The variety Sieboldi is a favorite one for Christmas sales with A. L. Miller, of



ABUTILON SIEBOLDI.

Jamaica, N. Y., who supplied our photograph. Cuttings taken now will make nice holiday stock for next fall. Plants require some pinching back to keep them in compact shape. Florists can unhesitatingly recommend the abutilons to their customers who are looking for good keeping plants, for they make easy subjects for house culture and bloom all season through.

TWO BIG VIOLET PRIZES

We are advised that Mrs. Alfred I. duPont, Wilmington, Del., has made arrangements for the management of the International Flower Show of New York city to offer two prizes for White Violets, which is her favorite flower, at the Spring Show of 1919. Growers should take immediate steps so as to compete for the following prizes:

1st, for the best bunch of double White Violets, containing 150 or more blooms, prize \$50; 2nd, for the best bunch of single White Violets, containing 150 or more blooms, prize \$50.

Under the following rules: Competition open to all. The violets' own foliage to be used only for green. The flowers to be judged by the following distribution of points: Size and perfection of flower, 60 per cent.; fragrance, 40 per cent.

PERSONAL.

Wilfred Keller, son of W. L. Keller, is spending a few days with his parents in Rochester, N. Y.

Marshall Headle, landscape gardener and designer of the Forest Park rose garden, Springfield, Mass., has received his commission as a first lieutenant after training in the American Aviation Camp at Issoudun, France. Mr. Headle is a graduate of the Massachusetts Agricultural College.

Obituary

Harry Michell.

Word has been received by Mr. and Mrs. Frederick J. Michell, of Ridley Park, Pa., of the death of their son, Harry, 22 years old, a member of the United States Engineers' Corps, in France.

The dispatch from Washington did not give details of how the young engineer met his death, simply stating he had been drowned on April 9. The presumption of his friends is that he was engaged in bridge building or similar operation at the time, possibly near Noyon.

Harry Michell was born in Philadelphia, June 15, 1895. He attended the public schools here. For the past two years he studied scientific agriculture at the State College. Last July he enlisted in the engineers' branch of the service, entering the class which was then receiving instruction at the University of Pennsylvania.

He was a member of Company D, 19th Railway Engineers. He is survived by his father, a twin brother, Frank B., engaged in agricultural work on his father's farm; another brother, Frederick J., Jr., and four sisters.

He wrote home regularly, his father receiving the last letter from him two weeks ago, in which he expressed optimism regarding the war and concluded with "we are going over the top soon."

The above item is from the Phila. Inquirer of April 11 and is more correctly put than most of the other accounts appearing in the daily press. Harry Michell was a young man of most engaging personality and great promise. He was well known to the horticultural trade, having been more or less associated in the business of his uncle, H. F. Michell, at 518 Market street. We extend our heartfelt sympathy to his sorrowing family.

G. C. W.

Edward A. Baker.

Edward A. Baker, who until recently conducted a greenhouse on East Main street, Ilion, N. Y., died at his home on Friday, April 5. He had been suffering from the grippe for several weeks, but would not give up and was out as usual. On Tuesday

pneumonia developed. He had suffered from a heart ailment for some time, which was a great handicap in combating the disease.

The decease was one of the best known young men of the village, where he was known by everyone and was highly respected. He was born in Thomastown, Conn., 38 years ago and came to Ilion with his parents 35 years ago and had always lived here. About 10 years ago he purchased the greenhouse business from Hakes & Son. This business he sold to Seward Hakes only a short time ago. His death so early in life will cause profound sorrow to all who knew him. Surviving are three daughters, Marlon, Katherine and Martha L., also his father, Edward Baker.

Eliza McKinley.

Miss Eliza McKinley, daughter of William O. and the late Jane Rahe McKinley, died on Wednesday, April 10, at her home in Pittsburgh, Pa., following a lingering illness. She was one of the best known and respected women in floricultural circles, having been associated with the Randolph & McClements staff for nearly twenty years. She resigned her position last July, but for some time previous had been coming into the store only a few hours each day, owing to her failing health. Prior to taking up floral work, Miss McKinley taught for a few years. She is survived by her father, one brother, of St. Paul, Minn., and two sisters, Mrs. Clara Carlin and Mrs. Margaret Brooks, of Pittsburgh.

Peter Barker.

Peter Barker, foreman of Olmstead Park, in the Boston park system, died on Monday, April 15. Mr. Barker had been in precarious health most of the winter. About two months ago he was laid up with pneumonia and this was followed a few weeks later by a relapse due to exposure. The cause of death is given as pleurisy and pneumonia. Peter Barker was born in Carrickfergus, near Belfast, Ireland, fifty-one years ago. He came to this country in 1887 and located first with a market gardener near Manchester, N. H. Afterwards he filled several private and commercial positions near Boston and then went into the Boston Park Department. Mr. Barker was an efficient and always dependable employee of the park department for many years and his death is deplored. He leaves one son and one daughter, also a brother, Michael Barker, who is editor of the American Florist of Chicago. He was a member of the Gardeners' and Florists' Club of Boston.

John J. Glenn.

John J. Glenn, 72, of Park avenue, superintendent of Mount Pleasant cemetery, died on Monday night, April 15, of injuries received in a fire at the cemetery grounds. Mr. Glenn was burning leaves and sent his assistant, Spencer Howland, to sound an alarm, as the fire got beyond his control. When Howland returned he found

Glenn had become caught in a barbed wire fence and was terribly burned. Glenn leaves a son and two daughters.

Mrs. George W. Smith.

Mrs. Louise M. Smith, wife of George W. Smith of the Cleveland Florists' Exchange, passed away at her home on April 4th. Mrs. Smith was the first president of the Women's Florist Club of Cleveland, and was secretary of the Ladies' Society of American Florists at the time of her death. She is survived by her husband and three boys.

Joshua Vose.

Joshua Vose, veteran market gardener and florist of Pontiac, R. I., died on April 10, at his home on Mayfield avenue, in his 80th year. For 45 years Mr. Vose had been engaged in market gardening for the Providence market. He was a member of the Rhode Island Horticultural Society. He is survived by his wife and two daughters.

Mrs. A. C. Rapalje.

Sympathy is extended to A. C. Rapalje of Atlantic avenue, Rochester, N. Y. The death of his wife on Monday was a shock to his many friends. Mr. Rapalje is a well known Rochester florist and seedsman, now with the Cushman Co.

Frank K. Lamereaux.

Frank K. Lamereaux, florist, doing business at 14 Spring street, Port Jervis, N. Y., died on Monday night, April 8, after taking poison. He was born in Binghamton but spent the greater part of his life in Port Jervis. He leaves one brother and one sister.

Horticultural Books

For Sale by

HORTICULTURE PUBLISHING CO.

Chrysanthemum Manual. Elmer D Smith	\$0.50
The Chrysanthemum. Herrington .....	.50
Commercial Carnation Culture. Dick	1.50
Commercial Rose Culture. Holmes	1.50
Violet Culture. Galloway.....	1.50
Greenhouse Construction. Taft..	1.50
Sweet Pens up to Date. Kerr... 1.50	
Plant Propagation, Greenhouse and Nursery Practice. Kalus... 1.50	
Plant Pruning. Kalus.....	1.50
Book of Garden Plans. Hannblin. Landscape Design. Hubbard....	6.00
The Art of Outdoor Rose Growing. Thomas.....	4.00
The Home Vegetable Garden. Krumm	1.00
Vegetable Gardening. R. L. Watts	1.75
Parsons on The Rose.....	1.00
Principles of Floriculture. E. A. White	1.75
Foundations of American Grape Culture. Munson.....	2.00
Plant Materials of Decorative Gardening. Trellease.....	1.00
Aristocrats of the Garden. Wilson	5.00
Bailey's Cyclopedia of Horticulture, 6 volumes.....	36.00

What Is That Plant?

A difficult question to answer usually unless flowers are present, because the ordinary Manuals make use of flower and fruit characters. It may be answered easily for over 1000 trees and shrubs, including those most commonly planted in the eastern States and in northern Europe, from foliage only, by aid of the 200-page book, "Plant Materials of Decorative Gardening," by William Trellease, convenient for handling and of a size to fit the pocket, which may be had of the HORTICULTURE PUBLISHING CO., for \$1.00—postpaid.

The Memorial Day Drive

NOW IS THE TIME TO PREPARE

For the Biggest Memorial Day Business in the History of the Florists' Trade

Eminently Fitting and D deservedly Popular are our Preserved Magnolia Leaves and Cycas Fronds. Also an infinite and beautiful variety of Wax Flowers and Wreaths and other artificial material appropriate for the occasion.

Get Your Order In NOW. Catalogue On Request

H. BAYERSDORFER & CO.

The Florists' Supply House of America

1129 Arch Street, PHILADELPHIA, PA.

VEGETABLES OR FLOWERS?

"The war garden," sings the New York World, "must flourish and bloom in that beauty which is service. Its richness must be vegetable, not floral."

And that is true and right enough. It is the doctrine of the agricultural department, of food conservationists and war-winners of all sorts and affiliations. We may accept without argument the principle that it is vegetables rather than flowers that ought to be raised in this year of the war lord, in order that the lord of peace may come soon. The vegetable garden is to be preferred to the flower garden. Dietetic necessity wins over esthetic indulgence.

But must we therefore have no flowers? Far be it from any community or any individual to swallow this food gospel with such grim literalness as to have no flowers about him this year save the dubious blooms of his vegetable beds. Man shall not live by bread alone, nor by beans, peas, tomatoes, carrots and turnips. Along with things to feed the body there must be also food for the soul.

This year of all years, we need beauty and fragrance to soften the hard realities of life. The fierce struggle, the violence, the bloodshed, the primitive beastliness that war has revived on so vast a scale, need some antidote to make us remember that things are not the normal order of things. And what more potent antidote can we find for war's ugliness than flowers?

VEGETABLE FORCING

By Prof. R. L. Watts

Which has just come from the press. This book was produced in response to numberless inquiries for a practical up-to-date volume on the forcing of vegetables. In our judgment it is the most complete, final and authoritative work on forcing ever issued. The author of this intensely practical book has had a large experience in growing crops under glass. He gives clearly and concisely, complete instructions covering Greenhouse Construction, Soil, Preparation, Insects, Diseases, Marketing, Cropping System, and the growing of all of the most important Vegetable Forcing Crops. The book will be found equally valuable to amateurs and experienced gardeners.

Price Net \$2.00. For Sale by
HORTICULTURE PUBLISHING CO.
Boston, Mass.

Let us have some flowers, by all means. They are content to grow on the edges of vegetable beds, to get along with odd scraps of soil and stray bits of sunshine.

We may even go further and admit the propriety of occasional plots where flowers take precedence of vegetables. Suppose you have a genuine flower garden, filled with old-fashioned perennials, a garden which has taken years to develop, and

THE BIG GUN

We've made us a gun, a giant gun,
That never the world has known;
Its thunder-flame leaps up to the sun
And touches the highest Throne,
Mere kings and crowns are blown
from its path.

To uttermost darkness hurled—
For this is the gun of a people's
wrath!

Its range is around the world!

We've made us a gun, aglowing gun,
A gun of the steel of youth;
Its bore is a pit the bad must shun,
Its bed is the rock of truth,
Jehovah's fingers have set its sight,
To carry his righteous curse—
For this is the gun of a Nation's
might!

Its arc is the universe!

We've made us a gun, a master-gun,
Whose rumble can shake the earth
Till the wolves shall flee from the
field they've won—

Their litter die in its birth,
It makes stars tremble, yet they re-
joice

In shivering orbits high—
For this is the gun of a people's
voice

And evil it bids to die!

All cannon voices to silence fall,
Whenever its word begin—
For this is the gun of a Nation's
call,

And its shell speaks only "Win!"
—John O'Keefe in the New
York World.

which is a source of never-failing joy to your whole neighborhood. Must you give cabbages and potatoes the right of eminent domain in that garden?

There's a nice question for debate. But in such a case public opinion in almost any community will probably say:

"Keep the flowers. They will help us to endure the war, and therefore to win the war. We'll need less food if we have flowers on the table."—
Erie Dispatch.

NEWS NOTES.

Manchester, Conn.—John G. Pentland will open a new flowerstore in a small building to be erected near the entrance of the East Cemetery.

New Bedford, Mass.—Henry Krantzler, formerly in the employ of E. H. Chamberlain for twelve years, will open a retail flower store at 610 Pleasant street

Quidnick, R. I.—A fire at the Quidnick Greenhouses on April 5th caused damage approximating \$300 before the Coventry firemen succeeded in extinguishing the blaze.

Manchester, N. H.—Everett W. Webster of Peterborough has been chosen to give instruction in horticulture and supervise the gardening provided by the Manchester Food Committee. He will have his headquarters in the office of the superintendent of schools in the City Hall. His salary for the first three months will be paid by the United States department of agriculture and by the city for the remaining three months of his term and should emergency work be pressing at the expiration of six months, Mr. Webster may be continued by the national government as an assistant county agent in Hillsborough county. Mr. Webster was born in Roxbury, Mass. He attended the Mechanic Arts High School in Boston, the Boston Evening High School and the New Hampshire College of Agriculture and the Mechanic Arts. Since leaving Durham he has been employed by the N. H. Forestry commission and as an assistant gardener on the large estate of Mrs. William H. Schofield, Peterborough. During the past year he has been superintendent and has had charge of vegetable and flower gardens, orchards, shrubbery, lawns, and the horticultural department of the farm.

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Public Hearing Regarding Restrictions on Importation of Plants and Seeds

The Secretary of Agriculture has information that injurious plant diseases and insect pests new to and not heretofore widely prevalent or distributed within and throughout the United States may gain entrance into this country through the agency of ornamental and other plants imported with earth about their roots.

There is also special danger from plants imported from little-known and little-explored countries of the world for the reason that the lack of information as to the insect pests or plant diseases of such countries makes it impossible safely to pass such plants by inspection or to safeguard them by disinfection.

In view of these dangers, it becomes the duty of the Secretary of Agriculture to consider the advisability of placing such restrictions or prohibitions on the importation of nursery stock and other plants and seeds from all foreign countries and localities as shall be necessary to prevent the introduction into the United States of any tree, plant, or fruit diseases, or of any injurious insects new to or not heretofore widely prevalent or distributed within and throughout the United States.

It is proposed, in connection with the general discussion of the subject of the hearing, to consider the question of fixing dates for the enforcement of any restrictions or prohibitions recommended as a result of the hearing at such periods in the future as will permit the readjustment of the trade in the different classes of plants with relation to the countries involved.

In compliance with the Plant Quarantine Act of August 20, 1912 (37 Stat., 315), a public hearing will be held at the Department of Agriculture, Room 11, Federal Horticultural Board, Washington, D. C., at 10 a. m., May 28, 1918, in order that any person interested in the subject of such proposed restrictions or prohibitions may be heard either in person or by attorney.

As illustrating the dangers referred to, within the last ten years there have been introduced through the agency of plants imported with soil, the European mole cricket (*Gryllotalpa gryllotalpa* L.), the European earwig (*Forficularia auricularia* L.), and from Japan a very dangerous leaf-feeding beetle (*Popillia japonica* Newman). A large number of the destructive insect pests of important crops have also been introduced in earlier years by this means, among which are several very destructive clover and alfalfa weevils. On the other hand, there is a very long list of similar insects which have not yet gained entrance. This list includes many dif-

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Single Variety in six colors, \$1.00 per dozen; \$7.50 per 100.

Double and New Frilled Varieties. Prices on application.

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6 South Market Street, Boston, Mass.

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

ferent kinds of destructive beetles, such as wireworms, leaf-feeding beetles comparable to our May beetles, sawflies, curculios, such as the weevils affecting clover and alfalfa, root maggots of various kinds, cutworms and other moth larvae, plant lice and plant-infesting eelworms. The possibilities of such introductions are indicated more in detail in a publication issued in 1917 by the Department entitled, "A Manual of Dangerous Insects Likely to be Introduced into the United States Through Importations."

The danger from plants imported with earth about the roots comes from the impossibility of properly inspecting such plants, and the equal impossibility of killing the insects in such moist earth by any known means of disinfection, other than the removal of the earth.

The risk from importations from countries in quarters of the world where the insect enemies and diseases of plants have been very meagerly studied, is illustrated by the establishment in this country from such sources of many of our most important injurious insect pests and plant diseases. Among the former are the San Jose scale, the citrus white fly, and the oriental peach moth, none of which were known prior to their appearance in this country, and therefore could not have been looked out for and guarded against. The peach moth is, furthermore, an illustration of an insect which it is apparently impossible to kill by any practicable fumigation in its hibernating condition. The list of insects introduced from such little-explored countries is already very large, and the condition of such stock now coming in represents a constant and very serious menace.

Among plant diseases are such notable examples as the chestnut blight, the white pine blister rust, and the citrus canker. In the case of these and other diseases, a foreknowledge of the disease is apparently essential to its detection, and even then the disease may be in an undeveloped condition so that its actual determination

can not be made until the plant has been planted and kept under observation, sometimes for several years. It is not possible in the case of these and most other similar plant disease to eradicate the disease by any known method of disinfection.

Philadelphia Seed Trade.

There is great activity among the seed stores at present, this being the heyday of the counter trade. Every fine day customers are standing six deep. But the well posted men in the trade say that they are making no money. High cost of seed, high overhead charges, and lower profits, all along the line, seem to be the order of the day. So that for all the hurrah they are making less than in a normal season. The seedsmen are distinctly not among the "profiteers"—notwithstanding the hysterical outsiders.

MICHELL'S ASTER SEED

CREGO. White, Blue, Shell Pink, Rose Pink, Purple, Lavender. Trade pkt., 30c.; \$1.50 per oz. Mixed Colors. Trade pkt., 30c.; \$1.25 per oz.

SEMPLE'S LATE BRANCHING. Separate Colors. Trade pkt., 30c.; \$1.25 per oz. Choice Mixed. Trade pkt., 30c.; \$1.00 per oz.

EARLY ROYAL BRANCHING. Separate Colors. Trade pkt., 40c.; \$2.25 per oz. Choice Mixed. Trade pkt., 40c.; \$2.00 per oz.

Send for Wholesale Price List offering everything required by the progressive florist.

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BEST CHRISTMAS AND EASTER
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See Advertisement of
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CINEBARIA—Prize strains, mixed
Tall and Semi-dwarf.

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DELPHINIUM NEWPORT ROSE—
Finest Pink Larkspur at 80c. per
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CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

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Stocks Beauty of Nice, 75% Double Flowers

—Shell Pink, Bright Pink, Purple, White

—Tr. Pkt., \$1.00; ¼ oz., \$2.00; 1 oz., \$5.00.

—Snapdragon, Petunias, Verbenas, etc.

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BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

LILIUM GIGANTEUM

7/9 (300 per case)..... \$60.00 per thousand
8/10 (225 per case)..... 80.00 " "
9/10 (200 per case)..... 100.00 " "

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A Gladiolus Everyone Ought to Grow
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LILY OF THE VALLEY PIPS

Get these for Memorial Day and
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Of Interest to Retail Florists

STORE WINDOW PUBLICITY.

How many florists throughout the country are taking advantage of our Promotion Bureau service insofar as getting interested in our glass signs for window display?

You are losing one of the best means for tying up to our National Campaign by not having this glass sign continually displayed in your windows, thereby making a connecting link with our campaign in keeping the slogan "Say It With Flowers" before the eyes of every passerby. Can you imagine the cumulative effect this sign would have if every florist shop displayed the same sign and slogan? Each one would benefit by the efforts of the other. We think enough of it in Boston to keep it in our windows continuously.

Now, just to illustrate the valuation of store windows as an advertising feature here are a few facts you can jot down in your memory.

The following valuations include a list of some of the prices stores have asked and received for use of show windows in New York city during the past year:

Drug store, Broadway near Fulton street, \$75 per week. Drug store, Broadway near 42nd street, \$75 per week. Drug store, Fourth avenue near 23rd street, \$60 per week. A hardware store in Grand Central Station charges \$100 per month for a window 10x12. A store on Broadway having 24-foot frontage (window) by 60 feet deep (1200 square feet) pays \$7,000, whereas an adjoining store with 30 feet front by 30 feet deep (only 900 square feet) pays a rental of \$11,000. A manufacturer of a drug specialty reports having contracts with numerous

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Established 1874

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N. E. Cor. 44 St. & Madison Ave., N. Y. City (Member Florists' Telegraph Delivery Asso.) Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address, Dardstor.

We should all strictly adhere to the request of the United States Food Administration.

**JOHN BREITMEYER'S
SONS**

Cor. Broadway and Gratiot Ave.
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**Artistic Designs . . .
High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada. Members Florists' Telegraph Delivery Association.



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Write or Phone to

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Best Florists in the States as
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Flowers of Every Kind in Season

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Will take good care of your orders
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Member Florists' Telegraph Delivery.

small dealers who agree to give a very small display in their windows one day each week for \$15 to \$25 per year. A Cincinnati merchant who pays \$140 per month rent, charges \$100 to windows and \$40 to store.

It is reported that one of the largest chains of stores in the United States have separated their windows from their stores, their windows being capitalized at \$300,000 for their 800 stores, and they sell these windows to themselves or others using approximately \$120,000 of this space themselves. This shows quite conclusively that windows do sell merchandise.

"Say It With Flowers." This valuable glass sign costs you only \$1.50. Inclose check to Secretary John Young's office and you will greatly appreciate the effect this sign will have in gradually influencing new business.

Henry Benn

National Publicity Campaign.

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Manchester, Conn.—John G. Pentland, East Cemetery.

Brooklyn, N. Y.—Mrs. K. Kopp, removed to Broadway and Marion St.

New Haven, Conn.—John J. McQuigan, Floral Shop, 123 Church street.

Denver, Col.—Bargain Flower Store, Mr. Benson, proprietor, succeeding Mrs. W. D. Black

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Deliveries to all points in New England.
125,000 Square Feet of Glass.

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And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class

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NOTICE INITIALS. We have one store only

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Delivered on mail or telegraph order for any occasion, in any part of the Dominion.

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8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.

EYRES
Flowers or Design Work

DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER

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"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention

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A large Quantity of
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	BOSTON April 18		ST. LOUIS April 8		PHIL A. April 8	
Roses						
Am. Beauty, Special	25.00	to 50.00	40.00	to 50.00	25.00	to 35.00
" " Fancy and Extra	12.00	to 20.00	15.00	to 20.00	15.00	to 20.00
" " No. 1 and culls	2.00	to 6.00	3.00	to 6.00	3.00	to 10.00
Russell, Euler, Mock	2.00	to 10.00	5.00	to 15.00	3.00	to 25.00
Hadley	2.00	to 10.00	5.00	to 10.00	2.00	to 18.00
Arenberg, Hooster Beauty	2.00	to 8.00	2.00	to 4.00	2.00	to 10.00
Ward	2.00	to 8.00	3.00	to 10.00	2.00	to 6.00
Killarney, Radiance, Taft	2.00	to 8.00	4.00	to 6.00	1.00	to 10.00
Ophelia, Sunburst, Hillingdon	2.00	to 8.00	3.00	to 10.00	2.00	to 10.00
Carnations	1.00	to 3.00	2.00	to 3.00	1.00	to 3.00
Cattleyas	25.00	to 50.00	---	to 50.00	30.00	to 50.00
Lilies, Longiflorum	4.00	to 6.00	12.50	to 15.00	8.00	to 10.00
Lilies, Speciosum	4.00	to 6.00	---	to 12.50	2.00	to 6.00
Iris	6.00	to 8.00	---	---	5.00	to 10.00
Callas	6.00	to 8.00	10.00	to 12.00	8.00	to 10.00
Lily of the Valley	6.00	to 8.00	---	to 8.00	3.00	to 6.00
Snapdragon	3.00	to 8.00	---	to 4.00	2.00	to 8.00
Gladioli	---	---	---	to 15.00	---	---
Pans es	.50	to 1.00	---	to .30	1.00	to 3.00
Freesia	1.00	to 2.00	2.00	to 3.00	1.00	to 2.00
Narcis, Paper White	1.00	to 2.00	---	to 3.00	---	---
Roman Hyacinths	1.00	to 2.00	1.00	to 2.00	---	---
Daffodils	1.00	to 2.00	---	to 4.00	.50	to 3.00
Tulips	1.00	to 3.00	3.00	to 5.00	2.00	to 3.00
Calendula	.50	to 2.00	---	to 2.00	.50	to 3.00
Stocks	1.00	to 4.00	---	---	1.00	to 3.00
Wall Flowers	1.00	to 2.00	---	---	---	---
Mignonette	2.00	to 4.00	---	---	2.00	to 3.00
Sweet Peas	.15	to 1.00	.40	to 1.00	.40	to 1.50
Marguerites	1.00	to 2.00	---	to .75	.50	to 1.50
Gardenias	15.00	to 25.00	---	to 1.00	5.00	to 15.00
Adiantum	1.00	to 1.25	---	to 1.00	---	---
Smilax	20.00	to 25.00	12.00	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	25.00	to 35.00	25.00	to 50.00

WILLIAM F. KASTING Co. Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

MARTIN REUKAUF

EVERYTHING THE BEST IN
FLORISTS' SUPPLIES

433 Callowhill Street, Philadelphia

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not re-
ceived one.

Flower Market Reports

BOSTON Business is not bad this week. True, there is no rush but there is a fairly regular run of trade at the wholesale places, and this would not be possible if the retail people of Greater Boston were not busy. There is a big overload of belated Easter lilies and more pansies, calendulas and sweet peas than are actually needed, but roses and carnations are fairly well balanced as to supply and demand, and prices hold quite well.

Trade still continues in-
CHICAGO active. The calm that follows the Easter rush remains unbroken so far as local sales are concerned. Shipping trade is now encouraging but even in this a larger volume of business could readily be taken care of. There is an abundance of stock of all seasonable kinds and the prices are within the reach of all. All kinds of roses are here in good supply but it seems as if that very fact makes them drag in comparison with last winter when they were so hard to get. Southern lilacs are about gone. Jonquills continue to come and tulips, both of which have had a run of many months. Carnations are sold at any price.

Business is fairly
CINCINNATI good. The supply is not large and this combined with a steady demand has caused receipts to clean up pretty well and has given a firm tone to the market. Roses are in a fair supply and have been meeting with a good demand. Carnations are still plentiful but, as a whole, are not as good as they were during the past several months. Lilies and callas are fairly plentiful. Sweet peas are abundant and generally prove good property. Darwin tulips are coming into the market. Orchids, lily of the valley, snapdragon, calendulas, Narcis. poeticus and pansies are received regularly.

The flower trade is
NEW YORK just emerging from the rebuff of last week and the sorry plight into which it was put by the most merciless spell of inclement weather experienced in the whole season. The loss on roses, cattleyas, lilies, sweet peas, gardenias and many other things which were coming in abundantly and failed of sale must have been a discouraging setback for many growers whose crops originally timed for Easter had failed by reason of the winter severity and coal shortage to mature in time for the Easter call. The heaviest part of the crop of some of these things is already off and this week's receipts are moving somewhat better. The improved tone of the market is due in a measure also to the waning crops of forced bulb stock which had been something of a burden for several weeks. Vio-



RUSSELL

That rose, that stands at the head of the list today in the eyes of the rose buying public. Our growers are strong with good cuts at

Special	\$20.00
Fancy	15.00
Extra	10.00
First	8.00
Second	6.00

A few extra choice special Russells at \$25.00

EVERYTHING IN CUT FLOWERS,
PLANTS, GREENS, RIBBONS
AND SUPPLIES.

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1608-1620 Ludlow St.
WASHINGTON, 1216 H. St., N. W.

BALTIMORE
Franklin & St. Paul Sts.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI April 15		CHICAGO April 15		BUFFALO April 15		PITTSBURG April 15	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	40.00	to 50.00	30.00	to 40.00	30.00	to 40.00
" " Fancy and Extra.....	25.00	to 35.00	30.00	to 40.00	20.00	to 30.00	15.00	to 25.00
" " No. 1 and culls.....	8.00	to 15.00	8.00	to 15.00	3.00	to 15.00	5.00	to 12.50
Russell, Euler, Mock.....	6.00	to 15.00	5.00	to 25.00	3.00	to 8.00	10.00	to 25.00
Hadley.....	6.00	to 15.00	.....	to	5.00	to 10.00	.....	to
Arenberg, Hoosier Beauty.....	5.00	to 12.00	3.00	to 12.00	4.00	to 8.00	.....	to
Ward.....	4.00	to 8.00	2.00	to 10.00	3.00	to 6.00	4.00	to 12.00
Killarney, Radiance, Taft.....	3.00	to 8.00	2.00	to 10.00	3.00	to 8.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	4.00	to 10.00	2.00	to 10.00	3.00	to 10.00	4.00	to 12.00
Carnations	2.00	to 4.00	1.00	to 3.00	2.00	to 3.00	.....	to 4.00
Cattleyas	50.00	to 60.00	40.00	to 60.00	40.00	to 50.00	60.00	to 75.00
Lilies, Longiflorum	10.00	to 12.00	6.00	to 10.00	8.00	to 10.00	12.00	to 15.00
Lilies, Speciosum	.....	to .....	.....	to	4.00	to 6.00	.....	to
Iris	.....	to	5.00	to 8.00	6.00	to 8.00	6.00	to 10.00
Callas	8.00	to 10.00	6.00	to 12.00	8.00	to 12.00	12.00	to 15.00
Lily of the Valley	.....	to 6.00	5.00	to 6.00	6.00	to 8.00	6.00	to 8.00
Snapdragon	6.00	to 12.00	6.00	to 12.00	5.00	to 8.00	6.00	to 12.00
Gladioli	.....	to 8.00	.....	to	6.00	to 8.00	.....	to
Pansies	.....	to 1.00	75	to 1.00	50	to 75	.....	to 1.00
Freesia	2.00	to 3.00	.....	to	2.00	to 3.00	2.00	to 4.00
Narcis, Paper White	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	.....	to 3.00
Roman Hyacinths	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	.....	to 3.00
Daffodils	1.00	to 3.00	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00
Tulips	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	3.00	to 4.00
Calendula	2.00	to 3.00	.....	to	2.00	to 3.00	1.00	to 2.00
Stocks	2.00	to 3.00	.....	to	3.00	to 4.00	.....	to
Wall Flowers	2.00	to 3.00	.....	to	3.00	to 4.00	1.00	to 3.00
Mignonette	4.00	to 6.00	3.00	to 6.00	3.00	to 6.00	3.00	to 4.00
Sweet Peas	1.50	to 1.50	50	to 1.50	50	to 1.50	50	to 1.50
Marguerites	1.50	to 1.50	75	to 1.00	1.00	to 1.50	2.00	to 3.00
Gardenias	.....	to 15.00	15.00	to 25.00	20.00	to 25.00	.....	to
Adiantum	.....	to 1.00	1.00	to 1.25	1.00	to 1.25	1.00	to 1.50
Smilax	15.00	to 20.00	12.00	to 20.00	.....	to 25.00	25	to 25.00
Asparagus Plu. & Sprem. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	50.00	to 75.00

lets also are finished, except for some of the Gov. Herrick variety, which do not cut much of a figure at any time. Lilies are seen in great quantities still, however, and the quality, in many cases, is far below standard, many of them being almost stemless. Among the fine things now specially offered are the Spanish irises in lovely variety and Darwin tulips of high degree. There is a good sale for both of these things, which are achieving greater popularity each year. Buyers for the high-class stores are on the watch for the choice shades of color in the Darwins and clean up the stock quickly.

The fierce nor'-
PHILADELPHIA easter which lasted four or five days had its effect on last week's market, but Saturday cleared up and let the boys out to meet the throngs so that most of the surplus of roses, carnations and other posey subjects found buyers at some price or other. Snapdragon was a drug and the average passerby passed them by as they had no use for that kind of a posy to please the good lady on a Saturday evening. Sweet peas were a bit soft on account of the lack of sunshine, but

(Continued on page 399)

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Telephone 5335, Farragut.

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Stock in America. Write for Illustrated
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A First Class Market for all CUT FLOWERS
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FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
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MAURICE L. GLASS, Treasurer

Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending Apr. 13 1918		First Part of Week beginning Apr. 15 1918	
American Beauty, Special	\$0.00	to 30.00	\$0.00	to 30.00
" " Fancy and Extra	10.00	to 20.00	10.00	to 20.00
" " No. 1 and culls.	3.00	to 6.00	3.00	to 6.00
Russell, Euler, Mock	3.00	to 10.00	3.00	to 8.00
Hadley	2.00	to 35.00	2.00	to 35.00
Arenberg, Hoosier Beauty	2.00	to 6.00	2.00	to 6.00
Ward	2.00	to 6.00	2.00	to 6.00
Killarney, Radiance, Taft	2.00	to 6.00	2.00	to 6.00
Ophelia, Sunburst, Hillingdon	2.00	to 8.00	2.00	to 8.00
Key	2.00	to 8.00	2.00	to 8.00
Carnations	1.00	to 2.50	1.00	to 2.50

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CHOICE CUT FLOWERS

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Telephone—3532-3533 Madison Square

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COMPANY, Inc.**

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EVERYTHING FOR THE FLORIST

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TRAENDLY & SCHENCK

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Florists' Supplies

We manufacture all our

Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 397)

they cleaned up pretty well for all that. Cattleya Mossiae is the bright particular star in the orchid market, at present bringing 50 to 60 cents without any trouble. Lilies and callas are both plentiful and prices on the easy side. Another week will see the after-Easter flush of these a back number and prices will revert to normal. Daffodils and tulips are a strong feature, some very fine stock in both being offered.

Two heavy snow-
PITTSBURGH falls, with the dark cloudy weather attendant for several days, considerably retarded the development of blooms to some extent last week. This is especially noticeable in the Eastern Ohio and Western Virginia sections, where business otherwise is almost phenomenally prosperous. Business in this city continues good. Warmer and brighter weather now gives promise of an increased supply of material of all kinds.

Business has been
ROCHESTER fairly good throughout the week. The supply of roses is large and of good quality. Violets are still on the market but not very good. Callas and lilies are in fair supply, also snapdragons. Stocks in various shades sell well. Mignonette, daisies in yellow and white, and bachelor buttons are seen. Tulips, daffodils and narcissus are being cleaned up. Sweet peas are very plentiful and in good quality.

With the curtailed
ST. LOUIS supply last week, prices stiffened, especially on carnations. The supply of sweet peas is not so heavy as it was. Greens are selling well.

Business fell off
WASHINGTON last week to an alarming extent with the coming of weather such as had not been seen here during the second week in April for many years. The hail beat down outdoor flowers and plants and the snow, heavy and wet, broke glass in the houses. Washington was also visited by an earthquake, but no damage resulted. The supply of flowers slackened as a result of the weather conditions, although there was an accumulation of roses, carnations and sweet peas at the wholesale houses. The business of the week was confined very largely to funeral work, many desirable orders being booked by the retailers. White roses sold best. The price on sweet peas dropped. Orchids failed to sell and mignonette hung fire. Tulips are still offered in quantities. Considerable business is expected from the D. A. R., whose convention is being held here.

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"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3056

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Apr. 13 1918	First Part of Week beginning Apr. 15 1918
Cattleyas		
Lilies, Longiflorum	25.00 to 50.00	25.00 to 50.00
Lilies, Speciosum	4.00 to 5.00	4.00 to 6.00
Iris	2.00 to 6.00	2.00 to 6.00
Callas	6.00 to 12.00	6.00 to 10.00
Lily of the Valley	6.00 to 8.00	6.00 to 8.00
Snapdragon	2.00 to 5.00	3.00 to 5.00
Gladioli	3.00 to 10.00	2.00 to 10.00
Pansies	to	to
Freesia	.50 to 1.00	.50 to 1.00
Narcis, Paper White	1.00 to 2.00	.75 to 1.50
Roman Hyacinths	.75 to 1.50	to
Daffodils	1.00 to 2.00	1.00 to 2.00
Tulips	1.00 to 2.00	1.00 to 2.00
Calendula	1.00 to 6.00	1.00 to 6.00
Stocks	1.00 to 2.00	1.00 to 2.00
Wall Flowers	1.00 to 2.00	1.00 to 2.00
Mignonette	1.00 to 2.00	1.00 to 2.00
Sweet Peas	1.00 to 3.00	1.00 to 3.00
Marguerites	.50 to 1.50	.50 to 1.50
Gardenias	1.00 to 2.00	1.00 to 2.00
Adiantum	8.00 to 25.00	10.00 to 25.00
Smilax	.50 to 1.00	.75 to 1.00
Asparagus Plumosus, & Spreng (100 bunches)	15.00 to 20.00	15.00 to 20.00
	25.00 to 50.00	25.00 to 50.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

Visitors' Register

Philadelphia—J. J. Fallon, Lynchburg, Va.

Dallas, Texas—J. H. Troy, New Rochelle, N. Y.

Cincinnati—A. S. Cohen, New York City; Chas. Lodder, Hamilton, Ohio; Mrs. Emil Uhl, Greenfield, Ohio; Warren G. Mathews, Dayton, Ohio.

Boston—H. C. Neubrand, Middletown, Conn.; F. E. Sealy, repr. Julius Roehrs Co., Ruthford, N. J.; Michael Barker, Chicago; Walter Gott, repr. Sanders', St. Albans, Eng.; O. W. Cutler, Niagara Falls, N. Y.

Washington, D. C.—Louis J. Reuter, Westerly, R. I.; George C. Roeding, San Francisco, Cal.; James F. Smith, Phila., Pa.; Charles Niemann, New York; S. S. Pennock, Phila., Pa.; O. F. Battolia, New York; Sidney H. Bayersdorfer, Phila., Pa.

Chicago: Mrs. C. B. Tanner, Hastings, Neb.; A. T. Peterson, Wheaton, Ill.; Mrs. Wm. Otto, Gary, Ind.; J. L. Denmead, Marshalltown, Ia.; R. E. Jones, of The Advance Co., Richmond, Ind.; Mr. Bushong, of the Gary Floral Co., Gary, Ind.; Mrs. Neal, Salem, Ind.; Swan Peterson, Rockford, Ill.; E. W. McLellan, San Francisco, Cal.

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street

Telephone No. 755 **NEW YORK**
Farragut

F. T. D. EMBLEM COMPETITION.

Referring to the statement published last week that the F. T. D. emblem competition had been extended to May 1, it is now announced that date closes as originally planned, it having been just learned that it is contrary to postal law to extend such a competition. This revocation is imperative.

F. C. W. BROWN, Chairman.

BUSINESS TROUBLES.

A discharge in bankruptcy has been granted to Oscar Hanschild, 104 West 44th street, New York.

Poughkeepsie, N. Y.—The Poughkeepsie Nurseries Company has charge of the landscape around the new station of the New York Central Railroad, and has made extensive plans for carrying out a comprehensive scheme of beautifying the station approaches. Grading, sodding, shade trees and shrubs, and beds of flowers will be started as soon as the weather is propitious.

LOCAL AND GENERAL NEWS

PHILADELPHIA.

Robert R. ... and ... than ... Florist and Perennial Gardens," with stereoscopic illustrations, on Saturday evening, April 13.

Edward H. Flood, mayor of Ateo and glass mold, has just returned from a two weeks' sojourn in West Virginia and other important producing centers for the glass trade. He finds business in his line more normal than it has been during the past three years, especially in regard to European demand, but the South American countries are still at high tension and all hands are doing their utmost to fill requirements.

Visitors from Washington, Baltimore and New York report that trade conditions are just about the same as they are here in Philadelphia—rather slow with more crops coming in than can be handled. Of course the Liberty Bond drive has had its effect, but the general situation in the business would have been largely the same. They are getting a dollar a dozen for marguerites in thumb pots which sounds ridiculous, but Frank Ross (Old Mahogany) thinks it's all right. His idea is "any old price" so long as you can get it.

FALL RIVER.

C. Warburton has a bench of a seedling scarlet carnation which promises to be a useful Christmas favorite and has been appropriately named Santa Claus. It is one of the most robust of carnations, the stout stems standing 30 inches high, and a most prolific bloomer. An old favorite carnation not often seen now, Philadelphia, is doing finely at Warburton's, this season. It is admirable in all the qualities of flower, stem and freedom. The rose Hoosier Beauty has made an excellent record here, producing many more blooms than Hadley and the stems are all that could be desired. The bright pink sport of My Maryland, W. R. Hearst, which originated here, is grown in quantity at Budlong's, Auburn, R. I., and has proved a valuable acquisition. Mr. Warburton has been cutting steadily all winter from a bench of gardenias in a rose house. The plants look as though they were in a congenial situation, healthy and covered with buds. They are on a shallow bench and in their second year.

WASHINGTON, D. C.

Robert Murdock, formerly employed by Gude Bros. Co., writes back from Fort Leavenworth, Kas., to the boys of the store, telling them of the fine time he is having as a radio operator in the service of Uncle Sam. Before leaving Washington, young Murdock attended a private radio school here, fitting himself for army service.

CHICAGO.

Robert Sack, who has had charge of the Harlem avenue branch of F. Oechslein's greenhouses, has resigned and gone to Springfield, Ill., where he will go into business for himself.

R. S. Norkowski has moved from 917 Milwaukee avenue to 1007 same street.

The Liberty Loan bonds are being rapidly taken up by the trade. The entire force of many of the wholesalers are buying on the weekly installment plan and a weekly trip to the bank takes care of all. The florists are standing by and showing themselves as patriotic as any other class, if not more so.

Sober Facts

WE FACE a foe hostile to American ideals, believing that between nations "there is but one sort of right, the right of the stronger." The Kaiser says he will "stand no nonsense from America after the war." The Germans admit that they seek to dominate the seas. "The will to power" is their favorite phrase.

The threat is against us and our children. The attack is on our commerce and our institutions. Germany intends we shall do her will, not our own. These are sober facts.

Buying Liberty Bonds makes our homes safer, our business more secure, helps maintain America against enemies who mock at our power and think us weak because we respect the rights of others.—William C. Redfield, Secretary of Commerce.

PITTSBURGH.

Randolph & McClements have one of the cleverest Liberty Bond window displays in the city, which was arranged under the supervision of Walter Breitenstein.

Abraham Kleinberg has again returned to business at the Alpha Flower Shop in East Liberty, following a several day detention, owing to an attack of la grippe. Mr. Kleinberg expects to return to New York shortly and enter the government service.

Adolph Kuppers, who for a time was identified with Kaufmann Brothers' floral department, together with Walter Barber, has opened one of the most attractive flower shops at 106 Fourth street, Steubenville, Ohio. It has been christened the Liberty Flower Shop.

John Chisholm has severed his connection with Arthur Langhans in Wheeling to affiliate with the Hayman Greenhouse Company's staff at Clarksburg, W. Va.

ST. LOUIS.

Several thousand blooming plants were the Sunday attraction at Shaw's Garden.

Oscar Killee, a popular chauffeur at Wm. C. Smith's, resigned and accepted a position with the United Railroad Co.

The St. Louis Florist Club held its monthly meeting April 11 at Missouri Botanical Garden, thirty-five members being present. Mr. Miller, of the Chicago Plants & Bulb Co., gave an interesting talk on the coal situation.

We regret to announce the death of Robert B. Beyer, beloved husband of Ida Beyer, father of Wilhelmina, Charles, George and Robert B. Beyer, Jr., and brother of Carl Beyer. He lived at the residence adjoining the greenhouses at 3619 South Grand avenue. Member of the Florist Club. Funeral took place Friday, April 12. Was largely attended. The active pallbearers were J. J. Beneke, F. C. Weber, Frank Fillmore, Walter Weber, C. A. Kuehn, Theodore Miller. Floral offerings numerous.

BOSTON.

With the enlistment in the Naval Reserves of Joseph Shuman of Dorchester, another star was added to the service flag of the H. M. Robinson Company. When he entered the navy, young Shuman was presented with a purse of gold and a wrist watch by the florists of Boston. A committee consisting of Maurice H. Hambro, chairman, J. M. Cohen, V. Hartford and M. Trockman, received subscriptions from the florists. A dinner was held at the Elks' Club, Monday night, April 8, and Shuman was presented with the gifts.

NEW YORK.

The Rosary Flower Co., located for many years on 34th street, will remove on May 1 to 918 Park Ave.

THE PRACTICAL BOOK

OF

Outdoor Rose Growing

by

GEORGE C. THOMAS, JR.

Elaborately Illustrated with 96 Perfect Reproductions in Full Color of All Varieties of Roses, and a Few Half-tone Plates. Octavo, Handsome Cloth Binding, in a Slip Case. \$4.00 net. Postage Extra.

We have sold many copies of this sterling book. It is one of the best of recent horticultural publications. Every rose grower should possess a copy.

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THE HORTICULTURAL PATRIOT.

The prize food-raising patriot has been found.

He called up a war garden office somewhere in America, and the following conversation ensued:

"Will the war garden committee plow lots for people this spring?"

"Yes."

"And the government will furnish free seeds?"

"Yes, to a certain extent."

"Well, I want you to send a man out to plow my lot, and have one of your inspectors do the planting, and take care of it for me this summer."

He was entirely in earnest about it.

"The city has plenty of money," he insisted, when the committee tried to explain matters to him.

"I don't see why you can't plant the garden and look after it for me. I'm perfectly willing to furnish the lot."

Which reminds one of the village borrower who decided to raise a brood of chickens, and asked the loan of a dozen eggs from one neighbor and a setting hen from another, and proudly announced that she had the nest herself.

If there is any man in this city whose patriotism is of the same brand as that of the generous citizen referred to above, he deserves to have the city start a garbage plant or a gas factory in his back yard.—*Manchester (N. H.) Mirror.*

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WANTED—At once, a sober, reliable man in a retail place of about 8,000 sq. ft. of glass. Address **GEO. E. FELCH**, Florist, Ayer, Mass.

WANTED—Young man as assistant in park garden work. Address "J. J." care **HORTICULTURE**.

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WANTED—A grower capable of handling section work in commercial greenhouse establishment; one with knowledge of chrysanthemums, sweet peas and carnations. Address **A. F.**, care **HORTICULTURE**.

WANTED: A gardener as second man to work in a commercial place. Hours, 7.30-5.00. Wages, \$3.00 per day. Half day off Saturday in summer months. **F. E. PALMER, INC.**, 220 Washington St., Brookline, Mass.

CATALOGUES RECEIVED.

Conard & Jones Co., West Grove, Pa.—Trade Price List of Cannas for 1918.

Julius Roehrs Company, Rutherford, N. J.—Catalogue and price list of Fruit and Ornamental Trees, Evergreens, Perennials, Greenhouse Plants, etc., and Special Catalogue of Orchids and Greenhouse Plants. Both these publications are beautifully illustrated on high-grade paper, many of the pictures being in full color. Messrs. Roehrs are also sending out a Supplementary List of New and Rare Perennials and Pot Grown Strawberries, which will be found very interesting.

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JOHN P. ROONEY, New Bedford, Mass.

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New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARM, Berlin, N. J.**

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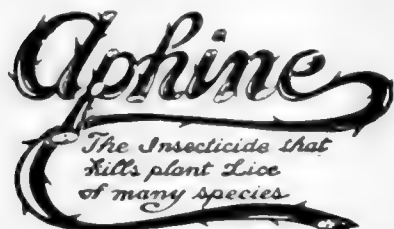
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CHICAGO SEED TRADE NOTES.

Chicago seed trade stores are displaying an offer made by the Oliver Typewriter Co. for \$500 in prizes for the best war gardens.

The scramble for garden seeds this year is much less to date than was noted a year ago and it is more than probable that much less seed will be wasted than was the case before.

The bottom has fallen out of the onion set market in Chicago. The department stores are offering fancy white sets at 15c. and 18c. per lb. or quart. Retailers who stocked up at a high figure are the losers just now.

A. Henderson reports the wholesale seed trade as having been very satisfactory, all things considered. Caladiums and tuberose have been scarce, apparently because the growers have given their attention to other things more profitable.

The Winterson's Seed Store is handing its patrons a very instructive publication called "War Vegetable Gardening and the Home Storage of Vegetables." It is published by the National War Garden Commission at Washington, D. C., and if studied will no doubt prevent many of the mistakes and disappointments of last year, when many did not get back the value of the seeds they planted.

Washington, D. C.—Producers or wholesalers of flower seeds are not included in the preferential list of industries which has just been prepared by the priorities division of the War Industries Board, although manufacturers of fertilizers, insecticides and fungicides and producers or wholesalers of seeds other than flower seeds are in the list. The preferential list, which will be increased from time to time as other industries are found to be properly included therein, is to be used as the basis of priority orders for coal, coke, etc., should such be found necessary. The board has listed industries whose operation is of exceptional importance, measured by the extent of their direct or indirect contribution either toward winning the war or toward promoting the National welfare. The same plan will be followed as to industries and plants in the transportation of raw material and supplies required by them in their manufacturing operations.

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Is Urgently Requested To
Make It A Success

May 1st, 1918, will be observed throughout the United States as Thrift Stamp Day! On that day retail stores everywhere in every line of business will ask customers to take part of their change in Thrift Stamps! It will be patriotic for every man, woman and child to accept at least one Thrift Stamp as change on every purchase made that day—and to make as many purchases as possible on May 1st.

Here is a big, practical way of getting millions of Thrift Stamps into the hands of the people of the United States, and of insuring the success of the Government's War Savings Stamps campaign. Thrift Stamp Day will help everyone. It will prove a tremendous boost to business. On May 1st, 1918, the nation should do the biggest total retail business of any single day in our history! The beneficial habit of Thrift will be sown broadcast among the citizens of the U. S. A.! Most important of all, Uncle Sam will be furnished with the sinews of War and Victory!

American business must go "over the top" at once in a quick drive to make Thrift Stamp Day an overwhelming success. You wholesalers, you jobbers, you salesmen, must talk Thrift Stamp Day among your trade, arouse the enthusiasm of the retailers, the storekeepers, the clerks behind the counters. Uncle Sam needs your help. A practical plan has been prepared showing how each one of you can "do your bit" to make Thrift Stamp Day a red letter day in American business annals. Write for this plan today without fail. Remember, in helping Uncle Sam you are helping business and helping yourselves. Address Mr. W. Ward Smith, National War Savings Committee, 51 Chambers St., New York City.

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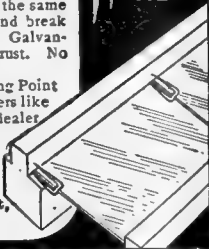
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Awarded silver medal by the Horticultural Society of New York.

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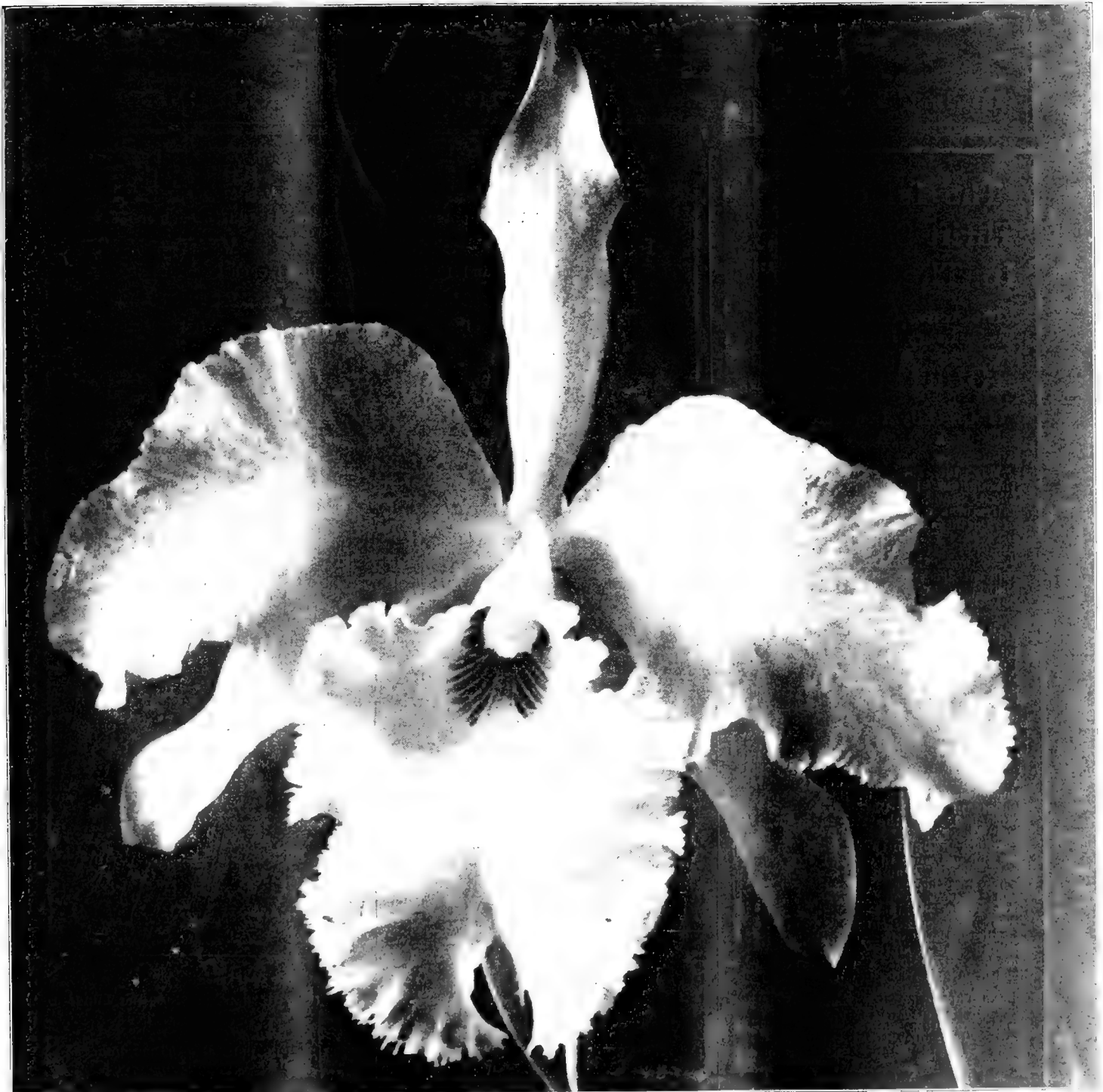
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HORTICULTURE

Vol. XXVII

APRIL 27, 1918

No. 17



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Is Urgently Requested To
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5/8 " " ".....	15.00 "	2000
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VEGETABLE CULTURE

CONDUCTED BY



Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Tobacco Powder

Dear Sir:

In a recent issue of HORTICULTURE, you spoke of the cabbage root maggot and of drenchings of tobacco water as a means of control. Will you tell me what tobacco water is,—whether you mean some trade tobacco preparation in liquid form or a liquid made from tobacco powder or whether it is immaterial as far as effectiveness is concerned.

G. M. W.

Andover, Conn.

As a deterrent to the cabbage root maggot we advise the use of liquid made from tobacco powder and not the commercial preparations. Put the powder in a burlap or cheese cloth bag and plunge in water. Allow one-half pound of the powder to each gallon of water. There is little danger of overdoing the strength of the solution as ordinary tobacco powder or tobacco stems are not at all injurious to plants. In fact they contain manurial properties and may act as a stimulant, while some commercial preparations may prove very injurious to the roots of the plants.

Starting Vegetable Plants in Pots

Dear Sir:—You surely have many a reader interested in the raising of vegetables for the market, truck gardeners, private gardeners and others. We should like to ask some of these experienced people whether it is correct that vegetables when started in flower pots before being set into the open, or into the forcing bed, will prove of stronger constitution and as much more prolific in the crops? To us it will be of interest to have a correct answer to this, though we are aware that in all such matters even experts are apt to differ somewhat in their views. If you will kindly give this letter publicity through your valued columns, we will be thankful.

W. R.

The question presented is not without certain perplexities since the entire race of edible vegetables at once becomes involved. At the outset we are bound to observe that in order to be successful in vegetable gardening the cultivator must at all times adapt himself to conditions which obtain. Whether vegetable plants raised in flower pots will prove of stronger constitution and be more productive in the crops depends solely upon the method of handling, climatic conditions, facilities

at hand, as well as personal requirement and the type of vegetable plants to be grown. We suggest, however, that the more desirable kinds, as peas, beans, sweet corn and perhaps cucumber and melon, may be sown in pots under glass with a view to prolong the season of production, but we do not assume that these plants will be either of stronger constitution or more productive than those which are sown outdoors and grown under natural conditions throughout. In the case of tomatoes, egg plants and peppers indoor sowing becomes a necessity and it is obvious, therefore, that such plants will be all the better for being handled in pots for at least some time prior to final planting. Here in New England it is impossible to secure a fall crop of these kinds unless an early start is made. The simplest method of dealing even with these latter kinds is to first sow them in "flats" and when large enough to handle transplant the seedlings again into shallow boxes. As soon as the plants begin to crowd it is then a good plan to transfer them to pots to keep them stocky. Avoid crowding always, as weak, attenuated plants are never so productive as those of sturdy growth. Another point to be remembered is that plants grown in pots, if allowed to become root-bound, will require greater attention in the matter of watering after transplanting in order to get them started in their new and permanent quarters than would be the case with plants less restricted at the roots. Such kinds as celery, cabbage, cauliflower, lettuce, beets and onions may often be handled to better advantage if pricked off into either boxes or frames and will thrive equally well as those which are pot-grown providing they are lifted with care and receive due attention during the final planting operation. It will be apparent to the reader, of course, that the last named kinds may be successfully grown by now sowing them on a well prepared seed bed in the open ground. Dig under a liberal quantity of well decayed manure and when the soil is in a fairly dry and friable condition prepare the seed bed. The only requirement then will be to sow thinly, water when necessary, transplant early, and at all times keep the plants free from weeds by frequent stirring of the surface soil.

ORCHIDS AT TRENTON, N. J.

Quite recently it was my good fortune to visit the extensive greenhouses of C. G. Roebling, six of these devoted entirely to orchids, and all of which are admirably cultivated by his most capable superintendent James Goodier, who has managed the whole estate for the past thirteen years, during which time he has made extensive improvements and added very largely to the quality and variety of the species and hybrids comprising this famous collection.

Unlike most private places Mr. Roebling probably has far more species of orchids than any other amateur in the country and hybrids can be counted by the tens

of thousands. Mr. Goodier's method of raising seedlings is an entirely new and novel idea which has given extraordinary results and appears to be perfection itself. Cattleyas, Lælia-cattleyas and Brasso-cattleyas can be seen in their germinating stage, on specially prepared pots, and at all sizes up to flowering. Many of these were in flower at the time of my visit, a number of them showing marked improvement on the parent plants. Several fine forms of Lælia-cattleya luminosa, the famous Trenton strain, were in bloom, also L. C. Myra, L. C. Hyeana and a very fine hybrid—a cross between Lælia Iona and Cattleya gigas: also in the same

house was a very fine plant of the pure white *Cattleya speciosissima* and *Cattleya Skinnerii* alba. I also saw the splendid *Cattleya Schroderi* var. *James Goodier* which is very exquisite, the whole flower being slightly suffused with a pale rose pink and of the shape and texture.

Almost every white cattleya in cultivation is represented by one or more specimens, some of which have been in this collection for many years. *Cattleya Mossii* Z. & H. is the only one seen growing here vigorously and this plant was imported from Europe to Trenton well over twenty years ago. Mr. Roebling always was a lover of *Laelia anceps* and its varieties and there are about sixteen distinct named varieties growing freely here, including the rare and beautiful *Roeblingiana*. In the same house is the old natural hybrid *Laelia Fincheniana Schroderiana* which was in flower with seven pure white perfect blooms.

Cypripediums are another great feature in this collection and all the best and well-known varieties are to be seen, including *C. Beryl*, *Gaston Bultel*, *Germaine apoix*, *Euryades splendens*, *Adrastus*, *Hindeanum*, *Admiral Jellicoe*, *Lord Walmer*, *Aeson giganteum*, *Woodrow Wilson* and a host of others. A large number of *Cypripedium* hybrids have been raised at Trenton and some very fine forms have resulted.

Botanical species are also of special interest here and there is an endless variety of them including *Cologynes*, *Cirrhopetalums*, *Masdevallias*, *Epidendrums*, *Aerides*, *Phajus*, *Oncidiums*, *Lycastes*, *Sobralias*, *Schomburgkias*, etc., and also a few very fine plants of *Zygopetalum Roeblingianum* which is now very rare. This was in

flower and looked very charming. *Cymbidiums* are also grown here in great variety and in flower was the rare natural hybrid *Roseum* and a fine variety of *Lowianum* *caeruleum*. In the *Dendrobium* house can be seen endless varieties, both hybrids and species, and a number of which were blooming, including *Melanodiscus*, *Rainbow* and the fine noble var. *Ashworthianum*.

Probably nowhere can be seen such wonderful specimen plants of *Epidendrum Boundii*, *radicans* *O'Brienianum*, etc., as are growing here to perfection. *Miltonias* also thrive and grow finely and are here in almost every known variety. Numerous orchids have been named in recognition of Mr. Roebling, one of the best being the wonderful *Cattleya Trianae Roeblingiana*.

A word of praise should be given to Mr. Goodier for the excellent manner in which he cultivates the *Phalaenopsis*. They are certainly grown admirably and reflect great credit to the perfect treatment which they receive. They were in full bloom and gave a glorious display. Over 100 specimens are grown here in all the well known varieties. The whole collection is now probably the oldest in the country and a large number of rare species exists here which are otherwise unknown. Owing to the large quantity of seedlings and duplicates which have been propagated it looks as if Mr. Roebling will soon have to take over more houses for his orchids or otherwise they will become too congested. The plants throughout look remarkably well grown and certainly will repay anyone to inspect.

Walter Gott

HORTICULTURAL PROBLEMS OF TODAY

Synopsis of an Address by E. W. Breed of Clinton, Mass., before the Gardeners' & Florists' Club of Boston.

We are confronted today with problems that require unusual treatment. Conditions have arisen that we never realized could exist during our lifetime. These conditions make necessary the readjustment of our business methods as well as our methods of cultivation. It is a time when we have to do some hard thinking.

The European conditions make importing of plants, seeds and bulbs a questionable venture. This fact will encourage the growing of these supplies here, which is already beginning to be demonstrated in various parts of our country, particularly in California, where it seems possible that we shall soon be receiving many of the hard-wooded plants that have come from Belgium, also bulbs from Holland and seeds in even greater quantity than have already been grown here. Some of the leading horticulturists, in view of the many existing conditions, believe the time is not far distant when we shall be exporting the stock that we formerly imported.

Labor.

The labor problem is the most serious one we have ever encountered; both quality and quantity seem to be limited. There seems to be an inequality in the wages demanded by day laborers and that which is paid

skilled hands. While we may account for this condition it is beyond our province to remedy it. We are obliged to follow the example of other countries in the employment of women and boys. Concerning the former there are many duties which they can perform and they will probably be a great assistance as many of them are going out under organized clubs with determination to be of service. The boys can be helpful if they can be made to realize the importance of their work and pay strict attention to the duties assigned them. With the government asking us to plant more, and then calling the young men to service upon whom we are dependent for labor in growing the crops, it makes the problem rather a difficult one.

Fuel.

Most of us are dependent on fuel for the winter season and as our plants are equipped with heating apparatus for coal consumption, it seems to me that it is best for us to do what we can with what coal we can get. We ought to know and probably will before long how much coal we can expect the coming winter. Nearly everyone has had to economize, either by maintaining a lower temperature, or, by closing a portion of their plants in order to meet the conditions. The substitutes have been helpful but like all

other substitutes they have proved expensive. Many have been able to use wood and where near at hand it has been useful. Coal briquettes have been used in limited quantities. There is a possibility that oil may be used. To some the shortage of coal has been a blessing in disguise because their stock has been better grown, showing they formerly maintained a too high temperature. It is very important that we should keep the greenhouse business alive not only for its usefulness at the present time, but, also for the fact, that after the war is over we want to be able to furnish employment for the gardeners who have been loyal in their country's service.

Fertilizers.

The increased cost of fertilizers has made it necessary for us to utilize everything at hand. Where we have sufficient land to grow green crops that can be heavily fertilized and then plowed in, we can furnish a large amount of humus in the most available form. This helps the mechanical condition of the soil, which I believe is of greater importance than the fertilizing properties supplied, for, without good digestion rich food is of little value. This necessitates a close study of the plant requirements in order to supply the particular plant food required.

Efficiency.

We must count the cost and stop all the leaks possible in our business and then to use the slogan "we must speed up" endeavoring to produce the maximum of results with the minimum of effort. The Department of Agriculture informs us that the average wheat yield is fifteen bushels per acre, whereas the maximum is one hundred and seventeen. While the growing of wheat may not be a subject with which we have to deal it simply shows that with some the methods are not as efficient as they should be and the question which comes to each one of us is are we measuring up to the maximum yield of our efforts. In the matter of propagation we should be cautious and not over produce, neither should we propagate stock at a lower figure than we can afford to sell it.

Transportation.

One of the great helps at the present time has been the motor truck with which personally I have been able to do a very large proportion of my business, making prompt deliveries. Regarding freight and express much has been accomplished recently. Embargoes have been lifted on seeds and on nursery stock and embargoes against nursery stock cannot be placed by an individual railroad without the consent of the director general. The express companies place plants and seeds under three hundred pounds weight as perishable and are excluded from embargoes.

Publicity.

The Florists' National Publicity Campaign and the Nurserymen's Fund for Market Development have placed the advertising problem on a new and enlarged basis and the indications are that it will develop a greater market on a grander scale under a more efficient management than ever before. The planting of trees and shrubs and the growing of flowers can no longer be considered a non-essential, but are necessary to our full development.

Standardization.

The subject of a more uniform grading of nursery plants, whereby a standard method can be adopted, so that a purchaser may have some assurance of the character of the stock he is purchasing by the catalogue description, together with standard names as used by the landscape architects, nurserymen, florists, seedsmen, foresters, botanists, druggists, has been the subject assigned to a committee from the American Association of Nurserymen and The Ornamental Growers' Association, who are busily engaged in preparing a standard code that will be of immense value to all the allied trades and will place the horticultural industry upon better business-like methods.

Evergreens.

The winter effect on evergreens continues to be a perennial question for discussion due to a variety of causes, principally, from lack of moisture the preceding season, followed with the same condition after a severe winter. Under these circumstances there will always be some losses. Could we have a moist summer and a mild winter we could anticipate more satisfactory results. The watering of evergreens and

ERICA MELANTHERA



The Popular Christmas Heather in 4 1/2 inch Pots. Photo by A. L. Miller.

evergreen shrubs when it is dry in the fall is of great value. Then in the spring the chief point with evergreen shrubs is to allow the frost to come out of the ground before the tops are uncovered, where it is possible to do so. Much trouble could be avoided if a more careful study was made in planting such stock, endeavoring to conform to their natural requirements.

Legislation.

Several bills have been presented before the Legislature which if passed would have very serious results in the horticultural business. The Weeks bill calling for the exclusion of all foreign plants beginning July 1st on the plea of reducing insect pests was so radical that it has been referred to the Federal Horticultural Board and will probably be modified, as it can well be without any injurious results. A bill to eradicate all forms of *Berberis vulgaris* (thunbergii not included) on account of the black-stem wheat rust has shared the same fate as the preceding bill. The destruction of all currants and gooseberries to prevent the spread of the pine blister rust and lastly a bill presented for the excluding of any plant that might act as a carrier of disease to be left to the discretion of the head inspector. This bill will be modified whereby every person interested will receive a letter announcing a hearing two weeks in advance. Legislation has its value, but our law makers must mingle reason with common sense in the enactment of their laws.

Roses.

Roses for garden use are today one of the most popular plants grown and in view of the conditions on the other side it is important that we make preparations to grow them here. For their propagation Japanese multiflora has been the most highly recommended as the one best adapted for our conditions.

Vegetables.

It has become our patriotic duty to grow as many vegetables and vegetable plants for others as possible. In this connection I think the war gar-

dens have done much towards popularizing horticulture as well as conserving time. It will be a great factor in increasing the interest in both the cultivation of flowers and vegetables for what vegetable garden is complete without a few flowers. The seedsmen have had an enormous business, which proves that great quantities will be planted and let us hope an equally great amount harvested.

It is fair to state that we are living in an age of horticulture that we hope will prove to be as great in the annals of history as the ages of literature, music, and poetry have been in the past. With the great progress in the commercial world, horticulture should receive a tremendous impetus. The horticultural exhibitions of today are an index of the rapid strides, which we as a nation are making. It is interesting to note that in spite of all of their suffering, the French, while they are yet in the midst of their agony, are still holding their wonderful rose show each year at La Bagatelle and the French women, even the poorest, cherish their little window-boxes and flower borders more than ever.

Our calling as gardeners is a divinely appointed one, being the duty assigned the first man created, and, in this noble calling, our efforts are to make the world a more beautiful one in which to live. We are not all millionaires, but we are able to bequeath a greater legacy to the world and to those who come after us than can be measured in dollars and cents. The result of the war should inspire us to fight our battles manfully, for if history repeats itself, after the war our industry will rise to higher levels than ever before.

Rochester, N. Y.—The Park Department is seriously disturbed by the menace of the Elm-leaf beetle which for a year or two past has become obnoxious in Pittsford and East Rochester and last year crept into the city. Lantern traps to be hung in the trees at night will be used to catch large quantities of night flying moths.

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The gardener's place

The recent meeting of gardeners at Boston and the proposal to continue the series throughout the season and especially the high aspirations which were given utterance on this occasion tends to open up a very hopeful outlook for the advancement of the well-equipped practitioner in gardening art to a recognition long merited but very tardily accorded. It is very evident that the profession of gardening in America has now entered upon its progressive stage which is "a consummation devoutly to be wished," and the signs of the times must be full of encouragement and cheer for those who have longed for and worked patiently and faithfully to hasten the day.

Protect the mayflower

The Mayflower, or Trailing Arbutus (*Epiplatia repens*) has been selected by vote of the school children of Massachusetts and the choice legally endorsed by the legislature as the state flower. This sweetest of all our native early spring blossoms was once very abundant in sections from which it has now entirely vanished, its beauty of flower and delicious fragrance having proved its undoing. Now that it has been elevated to the dignity of state emblem, it is feared that the destruction by thoughtless or ignorant gatherers will be greatly increased and the work of final extinction hastened. We believe that the time is not far distant when some measure of protection by law will have to be extended to the Mayflower, such as forbidding its being gathered for the purpose of sale, and the sooner this is done the better, otherwise it will not be long before its existence other than as an emblem will come to an end in Massachusetts.



The barberry's fate

It is very pleasing to have the assurance of the Department of Agriculture that the campaign for the extermination of the barberry because of its essential part in disseminating the dangerous wheat rust applies only to the common *Berberis vulgaris* and does not affect the Japanese *Berberis Thunbergii* which has proven so superior as a reliable hedge plant in a large section of this country. It had been feared by many that the order to uproot the barberries covered the genus generally. The common wild species, which, however, is not a native but presumably was introduced by the early settlers, is a very beautiful object whether in flower or bending gracefully under its rich burden of coral berries and the fruit has, moreover, a considerable food value. As its only offending is its unfortunate relation to the wheat crop we hope it may be spared from destruction in those sections where wheat is not grown. It would be sadly missed by the country people throughout New England who prize the barberry fruit highly as a preserve.

The labor problem

Complaint is common on all sides of the scarcity of labor in the various horticultural and allied industries. One of our best advertisers in the plant trade writes, "We are very short on the most ordinary labor, as you can realize. So is everyone else, and it will take some manipulation to keep up with the orders that come along in the natural course at this season, so we are compelled to drop out from all trade advertising for the present. While we have plenty of material, to continue at the present moment would be simply hunting trouble." In many establishments where flowers are grown for cutting it has been found necessary to employ female help for weeding, picking, grading and bunching flowers and so well adapted for such work have the women proven to be in places where hitherto men only have been employed, that the custom will probably become permanent. One very disturbing result of the labor situation and the unprecedented wages now being paid in the shipyards and munition factories, is the independent attitude of the workers, many of whom apparently look upon time as being "the interval between pay days," as *Life* puts it and but little else. Until the end of the world-war the nursery and floral industries will have a rather difficult road to travel and the labor problem will not be the least of their perplexities. "After that the Deluge"?

THE PUBLICITY CAMPAIGN

The Promotion Bureau is calling the attention of florists to the fact that there will appear in the Saturday Evening Post and The Literary Digest, issues of May 4, advertisements featuring Mother's Day, which is Sunday, May 12. A good many florists have already provided themselves with the electrotypes furnished by the Bureau's service, in order that they may use their local newspapers to link up with the publicity obtained through these national magazines. It is safe to say that these magazines cover a large percentage of the population in every section, especially among the classes which include prospective flower buyers, so it goes without saying that the magazine advertisement is easily connected with the local advertisement which reproduces it in its main particulars. It has already been demonstrated that this particular form of co-operation is most profitable.

Florists who use the moving picture theatres for direct appeals to the public can get the Bureau service of four slides which also, as far as possible, feature the magazine advertisements. Take the Mother's Day advertisement for instance: The delighted mother holding the bunch of carnations in her hands, with the shadow picture underneath of the devoted son who has remembered Mother's Day is a picture calculated to stamp itself in the minds of the public at this season, and it is

up to the florists to push the impression along and cash it in at their own establishments.

The secretary has, in the last few days, been devoting himself to the spreading of the campaign doctrine in the communities adjacent to headquarters, with satisfactory results. He is arranging an itinerary for personal visits which will embrace a wide area of territory throughout the country, and has had volunteered to him the help of various trade organizations to promote meetings of florists at points covered by his trip. Florists' clubs which have not already taken this form of cooperation into consideration should get in touch with the secretary at once, so that his itinerary routing may be as far reaching as possible.

The financial standing of the Campaign, as regards the support so far given it, is well shown in the list of subscribers to the fund just published by the Promotion Bureau. Copies of this list will be furnished to anyone making request of the Secretary for same, and it is advised that any who have difficulty in determining the amount they would like to contribute to the Fund apply for a copy, and see for themselves what their brothers in the trade are doing. All contributions are entirely voluntary; the idea is that each should give what he feels he can afford, and he is assured beforehand that there will be no criticism—the movement has got beyond anything of this sort.

Through clerical errors two or three inaccuracies crept into the published list of subscribers, which the Promotion Bureau here desires to correct. The State of Ohio is credited only with subscriptions amounting to \$1,287. Added to those enumerated should be

the following: Cleveland Cut Flower Co., \$100; Cleveland Florists' Club, \$200; Mrs. Mercer, Cleveland, \$25; C. Merkel & Son, Mentor, \$50; and Fred Witthuhn, Cleveland, \$25, making the total \$1,687. Another affects the published total of subscriptions from the State of Michigan. The L. Bemb Floral Co. of Detroit subscribed \$100, while their subscription is printed as \$25. The total subscription from Michigan therefore should read as \$1,151.50 instead of \$1,076.50.

It is encouraging to record the receipt from Cleveland of advice from Herman P. Knobbe that active work in the Publicity Campaign is only just beginning there, and that the State's total will speedily be doubled.

The following additional subscriptions to the Fund have been recorded:

Annually for Four Years—Fred H. Melnhardt, St. Louis, Mo., \$10; W. Rummier, Rutherford, N. J., \$5; Coles Flower Shop, Kokomo, Ind., \$5; C. E. Hubbard, Topeka, Kans., \$5; Wm. Blackman Floral Co., Evansville, Ind., \$10; Chickasha Greenhouse, Chickasha, Okla., \$3; Chas. Schoenbut, Buffalo, N. Y., \$15; E. P. Sawyer, Clinton, Mass., \$5; Donnelly Floral Co., Wichita Falls, Tex., \$10; Corp. of Chas. F. Meyer, New York, \$25; H. M. Robinson Co., Boston, Mass., \$100; Morgan Floral Co., Fort Morgan, Colo., \$5; Paul W. A. Grallert, Oakland, Calif., \$10; Jos. Harris & Bro., Shamokin, Pa., \$5; K. M. Erdman & Son, Mt. Carmel, Pa., \$5; Robt. H. Hawkins, Bridgeport, Conn., \$20; O. H. Herman, Council Bluffs, Ia., \$25; Bonnet & Blake, Brooklyn, N. Y., \$15; C. E. Russiti, Sunbury, Pa., \$5; Louis Menard, Albany, N. Y., \$5; M. Wilson, New Haven, Conn., \$5; Chas. Abrams, Brooklyn, N. Y., \$15; Cleveland Cut Flower Co., Cleveland, Ohio, \$100; Cleveland Florists' Club, Cleveland, Ohio, \$200; Mrs. Mercer, Cleveland, Ohio, \$25; Fred Witthuhn, Cleveland, Ohio, \$25; C. Merkel & Son, Cleveland, Ohio, \$50. For One Year—Western Pot Mfrs. Credit Ass'n, New Brighton, Pa., \$100; C. S. Macnair, Providence, R. I., \$5. Total, \$813. Previously reported from all sources, \$32,376. Grand total, \$33,189.

ENCOURAGE THE FLORIST.

"Flowers are always fit presents, because they are a proud assertion that a ray of beauty outvalues all the utilities of the world."—Emerson.

A man with plenty of money was heard to say: "Among war economies I have stopped buying flowers."

That is a foolish war economy. Flowers are to the spirit what heat is to the body. The spirit is more important than the body—better save some coal in your furnace and put the money into flowers that will make your children happy, bring spiritual light into your household and give your wife one fewer cause for regret that she married you.

The individual quoted did not say whether he had ceased sending flowers to his wife or some young lady able to hit high C.

Whoever gets the flowers as a present, as Emerson truly says, knows that such a present is a compliment, since it implies that the one to whom the present is given appreciates beauty. When you send flowers, instead of sending something that will last longer, you say with your gift, "These flowers are sent to one in whom the

spirit outweighs the body," and that is a compliment.

In a Southern city, an old editor was laid up in a hospital. In a theatre nearby Maude Adams was acting. She read about the editor, did not know him from any other bald gentleman, but felt sorry for him and sent him some roses.

The editor's secretary, a gay young gentleman, took one of the roses, pressed it carefully, and seemed much delighted to have it. He explained that he was not a victim of footlight fascination. "I want to take that flower to my wife," said he. "She would rather have me bring her a rose that Maude Adams sent than anything else I could bring her."

A fine compliment to Maude Adams, one that ought to make her glad she sent the flowers to the old man. An actress whose rose, given in charity, is saved by a dashing young man, who gives it to his wife because the wife so greatly admires the actress, can truly say that she has been playing the right kind of parts and has not worked in vain.

Give useful presents, of course. But also give flowers. If you cannot af-

ford those that are expensive, give those that are cheap. There are all kinds. The florist whose beautiful shop you pass is to the soul of man and woman what the restaurant keeper is to the stomach. And the feeding of the soul is as important at least as any other kind of feeding.

BUY FLOWERS. —N. Y. Journal.

PERSONAL.

William H. Tarbox, yclept. the "dahlia king," is ill at his home at Tarbox Corners, East Greenwich, R. I.

Peter Scott, formerly in the employ of H. T. Hayward, has taken charge of the estate of Mrs. W. H. Hoffman, at Rumstick Point, Barrington, R. I.

James Littlejohn, recently with R. & J. Farquhar & Co., at their nursery on Cape Cod, has entered the employ of P. W. Sprague to develop a model fruit farm at Scarboro Beach, Me.

President C. H. Totty has appointed William H. Duckham, Madison, N. J., a member of the National Flower Show Committee, to fill the unexpired term of William P. Craig, Philadelphia, Pa., resigned.

JOHN YOUNG, Secretary.

CLUBS AND SOCIETIES

PRACTICAL GARDEN INSTRUCTION.

In the interest of increased food production, especially in home gardens, the Massachusetts Horticultural Society announces a series of practical talks and demonstrations on this subject at Horticultural Hall, Boston, to continue through the season.

The first meeting was held on Thursday, April 25, at 7:30 p. m., when the subject of the preparation of the soil and fertilizers was discussed by Wm. N. Craig, Superintendent of Faulkner Farm, Brookline.

On Saturday evening, April 27, Messrs. Duncan Finlayson, Superintendent of the Weld Garden, Jamaica Plain, and T. D. Hatfield, Superintendent of the Hunnewell Estate, Wellesley, give instruction on planting seeds, with a real plot of earth for practical illustration.

On Tuesday, May 2, at 8 o'clock, under the auspices of the United States Food Administration, a public meeting will be held at which prominent speakers will be present to call attention to the necessity of increased food production.

All these meetings will be free to the public and will afford opportunity to acquire valuable information as to the best methods of home gardening.

As the season progresses other meetings will be held of which due notice will be announced later. It is also planned to have a competent, expert gardener at Horticultural Hall every day to give information and to answer questions on gardening subjects.

In connection with these meetings there will be exhibits of gardening implements, injurious insects and methods of control, canning and drying vegetables, beneficial birds, etc. etc.

Wm. P. Rich, Secretary,

INTERNATIONAL FLOWER SHOW.

Cheques for the premiums awarded at the recent Show in the Grand Central Palace have all been forwarded to the winners. The medals awarded are now being struck, and will be distributed as soon as received.

President Schenck of the New York Florists' Club has appointed the following as a committee to consult and co-operate with a similar committee to be appointed by the Horticultural Society of New York as to arrangements and conduct of the 1919 International Flower Show:

A. L. Miller, Jamaica, New York.
Chas. Schenck, 436 6th avenue, New York.
Edw. Seery, Paterson, N. J.
Wm. H. Duckham, Madison, N. J.
Chas. H. Totty, Madison, N. J.
Frank H. Traendly, 436 6th avenue, New York.
Wallace R. Pierson, Cromwell, Conn.
Geo. E. M. Stump, 761 5th avenue, New York.
Max Schling, 785 5th avenue, New York.
P. W. Popp, Mamaroneck, N. Y.
John Young, 1170 Broadway, New York.

Meetings Next Week

Wednesday, May 1.

Lake Forest Horticultural Society
Lakewood Park, N. Y.

Thursday, May 2.

Albany Florists' Club, Albany, N. Y.
Reading (Pa.) Florists' Association, Reading, Pa.
Southampton Horticultural Society, Gold Fellows Hall, Southampton, N. Y.

Friday, May 3.

North Shore Horticultural Society, Manchester, Mass.
North Shore Horticultural Society, Lake Forest, Ill.
Pasadena Horticultural Society, Pasadena, Cal.
People's Park Cottage Gardeners' Association, Paterson, N. J.
Yonkers Horticultural Society, Yonkers, N. Y.

Saturday, May 4.

Pacific Coast Horticultural Society.

A REMARKABLE SWEET PEA EXHIBIT.

At the monthly meeting of the Pennsylvania Horticultural Society last week, at which Prof. Beal delivered a most instructive and interesting lecture on Roses, W. Atlee Burpee Co. exhibited a collection of early flowering sweet peas, for which they were awarded a special silver medal.

The varieties of special note appearing at the exhibit were: Early Pink Beauty; Early Sweet Briar; Early Exquisite; Early Loveliness; Early Canary Bird; Early Enchantress; Early Blue Bird; Early Zephyr; Early Rosy Morn; Early Lustre; Early Princess; Early Empress; Early Fordhook Sankey; Early Daybreak; Early Daintiness; Early Primrose Beauty; Early Snowstorm; Early Splendour; Early Lavender King; Early King; Early Mauve Beauty; Fordhook Pink and White; Early Sunburst; Early Fordhook Rose; Early Jack Tar; Carmine Beauty; Early Fantasy; Maroon Prince. All seedlings raised by Geo. W. Kerr.

BROOKLYN BOTANIC GARDEN.

Win-The-War Garden Lectures, Sundays at 4 o'clock. Free to the public.

April 28. Diseases of Garden Crops and How to Control Them. Dr. Edgar W. Olive, Curator of Public Instruction.

May 5. Plant Breeding and Increased Food Production. Dr. Orland E. White, Curator of Plant Breeding.

May 12. Bacteriology and the War. Dr. Ira S. Wile, former member of the Board of Education, New York City.

May 19. Garden Insects—Good and Bad. Dr. E. P. Felt, State Entomologist of New York.

May 26. Cultivation of Drug Plants. Dr. W. W. Stockberger, in charge of drug and poisonous plant investigations, U. S. Department of Agriculture.

These lectures, illustrated by lantern slides and otherwise, will be given in the Lecture Hall of the Laboratory Building, Brooklyn Botanic Garden.

THE GARDENERS' BOSTON CONFERENCE.

The gardeners' local conference held in Horticultural Hall, Boston, Thursday, April 18th, under the auspices of the National Association of Gardeners, was well attended and proved of more than usual interest to those present.

W. N. Craig, presiding as chairman of the meeting, after announcing the purposes of the gardeners' conference, spoke of the serious situation with which the country is confronted in its problem to provide food products, not alone for our own people but for those of the allied nations, which are engaged in the struggle for world democracy, and he outlined some of the ways in which the gardener can help, if only in a small measure, to increase the food supply. Mr. Craig also referred to the serious loss New England has suffered this spring through the winter killing of evergreens, and stated that while many theories are being advanced there is some doubt as to what is the actual cause of the damage done.

Wilfrid Wheeler, secretary of the Massachusetts State Board of Agriculture, after being introduced, referred to a trip to Washington, from which he had just returned, with rather discouraging news on the general crop supply, stating he learned France did not have enough wheat to last a month, England was little better off, while in this country the crop is only sufficient to hold out until June, and that it is imperative that France get our supply, while we must resort to substitutes for wheat. Mr. Wheeler said New England must grow greater crops to supply itself and thus relieve the strain on other territories to which she now looks as her source of supply—that more intensive farming must be practiced so as to obtain greater yields per acre. He warned against the threatened seed shortage which this country is likely to face for the next five to ten years, and that the termination of the war will not bring immediate relief as the United States will have to be the producer for some time to come. A general discussion followed Mr. Wheeler's address which brought out some interesting information on crop production in New England and neighboring states.

J. K. M. L. Farquhar, who required no introduction in Horticultural Hall, speaking on the future of horticulture in this country, said that it is facing a great uncertainty, owing to the seed shortage, and that even now Russia, Italy, and South America are begging for anything they can get in seeds;

that France has made tremendous sacrifices to share with us even more than she could afford to spare of her seed supply the last year. Germany produces about two-thirds of the best flower seeds, but with its expert growers gone it will take years to recover.

Mr. Farquhar declared that our agricultural colleges should instruct how to grow seeds that this industry might be increased at home. He also strongly recommended that more detailed instructions be disseminated among the amateur gardeners on how and when to plant particular seeds which would help to avoid much of the present wastefulness in that direction.

Attention was also directed by Mr. Farquhar to the difficulty of getting plants from Europe, owing to Government restrictions and frequent embargoes placed on foreign nursery stock, that on the other hand though Holland threatens a shortage, it is believed that the Dutch bulb supply will again be plentiful, though prices higher.

In the discussion that followed it was proposed that with the tendency in this country drifting towards more natural effects in gardening there should be a more widespread interest in the cultivation of our native plants, though it was admitted that it will take several generations before America can even attempt to compete with some of the fine sorts that reach us from the European countries.

Secretary Ebel of the National Association was present to furnish any desired information on the activities of the organization and explained the plans to develop the Service Bureau. The holding of local conferences among gardeners was generally commended as being a step in the right direction towards building up the profession. There was some discussion as to what properly constitutes the functions of a gardener, some contending he should confine himself strictly to gardening, while others agreed that he must develop his scope of knowledge so that he may in a practical way be prepared when called on to supervise all the departments that compose a modern country estate which includes the different phases of agriculture as well as horticulture. Such will be the successful men of the profession in the future, for if the gardener will not prepare himself to undertake these responsibilities, he will have to accept a subordinate position, while the farm manager will do the supervising as is already the case in some known instances. The profession of gardening has entered in the progressive stage and its followers must keep pace with the demands of the constantly changing conditions in horticulture as in all fields of endeavor.

The coal problem caused quite a discussion, but it was the consensus of opinion that with the coal situation shaping as it now is with the prospects most favorable to the private greenhouses being able to get a coal supply, further agitation of the subject would be unwise, at this time at least, and that the matter be left in the hands of those looking after the floricultural interests in general. After the conclusion of the meeting it was proposed that another conference be held in Boston some time during the summer months.

IRIS PALLIDA DALMATICA.



Of the great genus of Iris there is no more satisfactory species than the well-known *Iris pallida* in its many varieties and, among the latter, *pallida dalmatica* is one of the best. Of exquisite color, delicious fragrance,

tall and robust, it is deservedly popular and extensively planted in park, gardens and private estates. The picture herewith shown is from a photograph taken in the grounds of the Bayard Thayer estate, Lancaster, Mass.

LANCASTER COUNTY FLORISTS' ASSOCIATION.

Thursday, April 18th, found a very worried bunch of men hanging around the Pennsylvania depot when Mr. W. F. Therkildson did not arrive, but at 6.38 the cloud of gloom was dispelled by his appearance and Messrs. H. A. Schroyer, Harry K. Rohrer, B. F. Barr, Elmer Weaver, Frank Kohr, Willis B. Girvin, J. Wade Galey and Albert M. Herr conducted him to the Elk's Club and had a dinner that stretched the limits of conservation.

When the Club was called to order and the regular routine business transacted, part of which was to arrange for a picnic, B. F. Barr kindly invited the Club to picnic at his farm and the invitation was accepted for a date in July to be fixed later on.

Mr. Therkildson then gave us a very interesting talk on seeds, seed raising and horticulture on both sides of the water, as well as some very interesting things connected with his firm, W. Atlee Burpee & Co., and wound up with a strong appeal for the support of the publicity work of the S. A. F. He was given a rising vote of thanks and as this had been designated as Ladies' Night, refreshments were served and a social hour was spent after the meeting.

T. J. Nolan was with us and, like the true scout he is, stayed with the little party who escorted Mr. Therkildson to the station for the 10.16 p. m. train, which arrived promptly

at 12.15 a. m., and several members reached their homes in the morning hours, but well satisfied with the evening's work.

ALBERT M. HERR.

A REMARKABLE ORCHID HYBRID.

Brasso-cattleya A. W. Preston, a picture of which appears as our cover illustration this week, is a hybrid between *Brassavola Digbyana* and *Cattleya Enid*. It was shown on December 22, 1917, before the Massachusetts Horticultural Society, at Boston, and was awarded a gold medal, this being the first time that a single *brasso-cattleya* had ever gained that award, and it is believed to be the largest and finest *brasso-cattleya* ever exhibited. The flower measured 9 in. across, and 9 in. deep. The labellum was $3\frac{1}{4}$ in. across and $4\frac{1}{2}$ in. deep. The color was a light heliotrope on the sepals and petals; the lip had a soft yellow throat with dark chocolate markings, beautifully fringed. There are only two of this variety in existence, both of which are in Mr. Preston's collection. The plant was admirably grown by Mr. J. Smith, superintendent for A. W. Preston, Beach Bluff, Swampscott, Mass. It was originally imported from Sanders, St. Albans, where the seedling was raised.

Scarsdale, N. Y.—George A. Relyea, formerly foreman for John C. Hatcher, Amsterdam, N. Y., has leased the greenhouses of Dr. J. F. Goger for a term of years.

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Holigano, Washington, D. C.; First Vice-President, Wm. O. Searlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

All Embargoes Lifted on Seed.

Field and garden seed will be unconditionally exempted from all embargoes, according to an announcement from the United States Department of Agriculture, following a conference between Edward Chambers, director of traffic for the United States Railroad Administration; Clarence Ousley, Assistant Secretary of Agriculture; and other members of the Department of Agriculture. Instructions will be issued to all railroads in the United States by the director of traffic to do everything possible to expedite the movement of field and garden seed.

Notes.

Exports of seed from Denmark to the United States decreased from \$343,754 in 1916 to \$92,532 in 1917.

Philadelphia.—The seed stores are all busy this week but there does not seem to be last spring's excitement about onion sets and potatoes. The farmers seem to have been holding back for high prices, and now they are unloading too late, and the seedmen who laid in big stocks at high prices early last season are suffering from this illtimed avarice on the part of the farmers. The seedmen are innocent enough; but they have to suffer from the greedy policy of the farmers just the same. Many severe losses are reported.

Rochester, N. Y.—Flower seeds are scarce and high. There are plenty of seeds of corn, beans, peas and other standbys of the home garden but there may not be a sufficient quantity of certain varieties of these seeds so the patriotic gardener must make up his mind to try some other variety. Vegetable plants, such as cabbage, rhubarb, tomatoes and onion sets will be little, if any, higher in price than last year. Spinach seed is now \$2.50 a lb. C. H. Vick makes the cheerful prediction that in another year or two seeds will be at nearly the old level, since American growers are making every effort to stimulate home production in this country and become independent of the European seed trade which even after the war will be unable to supply the jobbers here.

PUBLICATIONS RECEIVED.

The Backyard Garden. By Edward I. Farrington.—A timely book by a studious and observant writer who has made a very favorable impression wherever he has appeared as a lecturer and who possesses a most captivating style and manner in his writings or oral efforts to advance the art of gardening as a popular, useful recreation. The incentive for the present volume is the indispensability of the "War Garden" as a factor in winning victory in the great world conflict. The volume is a handbook of distinct value for the amateur garden-maker.

Begonias

Farquhar's Tuberous-Rooted

As Bedding Plants these are unsurpassed for brilliancy and richness of color.

Single Variety in six colors, \$1.00 per dozen; \$7.50 per 100.

Double and New Frilled Varieties. Prices on application.

R. & J. FARQUHAR & CO.,

6 South Market Street,

Boston, Mass.



Send for our Wholesale
Florist Catalogue Now
Ready.

Lily of the Valley Pips

FOR EARLY FLOWERING

Every florist should have a few of these dainty flowers for their Easter trade: 100, \$3.00; 1000, \$28.00.

BEGONIAS

Double-Flowering—Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze. Mixed: 100, \$6.50; 1000, \$60.00.

Single-Flowering—Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon. Mixed: 100, \$4.75; 1000, \$45.00.

FOTTLER, FISKE, RAWSON CO.

The Seed Store 12 and 13 Faneuil Hall Sq., Boston

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

its chapters are instructive on strictly practical lines, and its topics are well selected and comprehensive. It is compact and completely indexed and the binding is waterproof. Published by Laird & Lee, Chicago, at \$1.00. Copies can be supplied by HORTICULTURE.

The prospecters and schedule of premiums for the seventy-eighth annual New York State Fair to be held at Syracuse on September 9-14, 1918, has been received. Department I, under charge of David Lumsden of Ithaca, as superintendent, is devoted to flowers and pot plants and the prizes are very liberal for both commercial and amateur exhibitors, amounting altogether to \$2,749.50. Copies of the schedule may be obtained on request from David Lumsden, Cornell Univ., Ithaca, N. Y.

A meeting of the members of the executive committee of the Canadian Horticultural Association, with whom were some invited guests, was held in Ottawa, April 15th, when preliminary arrangements for the 1918 convention were completed. It was decided to hold a four-day convention, August 13-16 inclusive. This date will be about a week later than usual. After the meeting of the Executive Monday afternoon the electric cars were taken to the greenhouses of C. Craig, on Rideau Terrace, where an interesting visit was made, and later a trip was made to the Central Experimental Farm.

THE TOLL OF WAR.

Of five sons of Mr. Leonard Sutton, of Sutton & Sons, Reading, England, who joined H. M. forces, four have laid down their lives for their country, the last to meet death in France being Lieut. E. M. Sutton, R. E., who was killed in action in the recent battles.

PATENT GRANTED.

1,261,025 Fertilizer. John N. Hoff, New York, N. Y.

Choice Flower Seeds

FOR FLORISTS

CINEBARIA—Prize strains, mixed

Tall and Semi-dwarf.

ALYSSUM—Little Gem.

CALENDULA—Orange King, Lemon

Queen.

SNAPDRAGON—Silver Pink.

BEGONIA—Vernon.

DELPHINIUM NEWPORT ROSE—

Finest Pink Larkspur at 80c. per

oz., \$2.25 per ¼ lb.

J. M. THORBURN & CO.

Established 1802.

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42 Vesey Street

NEW YORK

MICHELL'S PRIMULA SEED

PRIMULA CHINENSIS

(Chinese Primrose)

Michell's Prize Mixture. An even blending of all colors.	1/2 tr. pkt. tr. pkt.	\$0.60	\$1.00
Alba Magnifica. White.	tr. pkt.	.60	1.00
Chiswick Red. Bright red.	tr. pkt.	.60	1.00
Duchess. White, with zone of rosy carmine, yellow eye.	tr. pkt.	.60	1.00
Holborn Blue	tr. pkt.	.60	1.00
Kermesina Splendens. Crim son	tr. pkt.	.60	1.00
Rosy Morn. Pink.	tr. pkt.	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type, flowers much larger.	tr. pkt.	\$0.50
Lilacina. Pale lilac.	tr. pkt.	.50
Kermesina. Deep crimson.	tr. pkt.	.50
Rosea. Pink	tr. pkt.	.50
Alba. White	tr. pkt.	.50

PRIMULA MALACOIDES

Lilac	tr. pkt.	\$0.50
Alba. White.	tr. pkt.	.50
Superba. Deep rose. Orig. pkt.	tr. pkt.	.20

Also all other Seasonable Seeds, Bulbs, Plants and Supplies.

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Amaryllis, Callas
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ROMAN J. IRWIN

106 West 28th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nannus—1000 seeds, \$3.50; 5000 Seeds, \$15.00.
Asparagus Sprengeri—1000 Seeds, \$1.00.
Salvia Bonfire—1/4 oz., 50c.; 1 oz., \$2.00.
Salvia Zurich—1/4 oz., 75c.; 1 oz., \$4.00.
Stocks Beauty of Nice, 75% Double Flowers—Shell Pink, Bright Pink, Purple, White—Tr. Pkt., \$1.00; 1/4 oz., \$2.00; 1 oz., \$5.00.
Snapdragon, Petunias, Verbenas, etc.
SEND FOR CATALOGUE.

Burpee's Seeds
PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

LILIUM GIGANTEUM

7/9 (300 per case)....	\$60.00 per thousand
8/10 (225 per case)....	80.00 " "
9/10 (200 per case)....	100.00 " "

Complete List of Florists' Choice Seeds.
A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.

1004 Lincoln Bldg., PHILADELPHIA, PA.

A Gladiolus Everyone Ought to Grow
MRS. F. PENDLETON

\$8.00 per 100, \$75.00 per 1000

JOHN LEWIS CHILDS, Inc.
Flowerfield, L. I., N. Y.

Stumpp & Walter Co

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30-32 BARCLAY STREET - - NEW YORK

LEONARD'S SEEDS
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FOR SALE BY

LEONARD SEED COMPANY, Chicago, Ill.

LILY OF THE VALLEY PIPS

Get these for Memorial Day and June Sales, packed 2500 Pips to the case. Lots of 500 at the thousand rate. \$3 per 100, \$27.50 per 1000, f. o. b. Cold Storage New York City.

CANNA ROOTS

In all leading varieties as per prices.

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BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

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82 Day St., NEW YORK and ORANGE, CONN.

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A MONTHLY MAGAZINE FOR
WESTERN NURSERYMEN
FLORISTS, SEEDSMEN

Contains alphabetical listings of
available surplus stock, etc.
\$1.00 per year. Foreign \$1.50

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LOS ANGELES, CALIFORNIA

ALEX. McCONNELL611 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and Foreign Countries. Orders from the trade for delivery in New York and vicinity receive special attention.

Cost of Cabling Foreign Deliveries Must be Prepaid. Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.


"The Telegraph Florist"

Member of Florists' Telegraph Delivery

124 TREMONT ST.
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FOR

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Transfer Your Orders to

SAMUEL MURRAY

1017 Grand Avenue

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Deliver orders from any part of the country to

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Write or Telegraph

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32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

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LEADING FLORISTS

38 Dorrance Street

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Of Interest to Retail Florists**"SAY IT WITH FLOWERS."**

Mark Twain said "There are two times in a man's life when he should not speculate; when he can't afford it, and when he can."

So a word to our brethren who want to play a sure thing; get the habit of contributing your share to our Publicity fund and see it earn the biggest dividends in proportion to your investment that you ever made. So big, that by the profits thereof, you will be enabled to buy Liberty Bonds, contribute to the Red Cross, and have a little for a rainy day. Try it.

It will be a better incentive for more business than anything you have done in a long while, and when all florists large and small get this habit, can you imagine the accumulative effect this advertising campaign is going to have on our business. Are you going to help our business grow? Are you willing to let others do it, and overlook your share?

Send your contribution to John Young, Secretary, and the pleasure you'll get by so doing will be greater than all else.

Get your contribution in now, so that it will be recorded in the booklet ready to be printed now. Don't be left off the list. Do it now!



National Publicity Campaign.

Maumee, O.—J. V. Persing has purchased the greenhouses of the Maumee Greenhouse Company.



IN THE

National Capital

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKEConnecticut Ave. and L St.
WASHINGTON, D. C.

Established 1874

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FLORIST

N. E. Cor. 44th & Madison Ave., N. Y. City (Member Florists' Telegraph Delivery Asso.) Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address, Dardisflor.

We should all strictly adhere to the request of the United States Food Administration.

JOHN BREITMEYER'S SONSCor. Broadway and Gratiot Ave.
DETROIT, MICH.**Artistic Designs . . .
High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada. Members Florists' Telegraph Delivery Association.

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1214 I ST. N.E.
WASHINGTON DC**GUDE BROS. CO.**
WASHINGTON, D. C.

Member Florists Telegraph Delivery

Orders for NEW YORK.
Write or Phone to**MAX SCHLING**

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Best Florists in the States as
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NEW YORK CITY

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Members Florists' Telegraph Delivery

A. T. BUNYARD
NEW YORK413 Madison Ave., at 48th Street
Also Newport, R. I.I GUARANTEE SATISFACTION
MEMBER F. T. D. A.

CHICAGO Send Your Orders to WILLIAM J. SMYTH

Member Florists' Telegraph
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Prompt Auto Delivery
Service

THOS. F. GALVIN

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NEW YORK 561 Fifth Ave.
Vanderbilt Hotel

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for

CLEVELAND
and State of Ohio

Complete Stock. Regular discount to Trade.

KNOBLE BROS.

1896 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.

735 Euclid Avenue

CLEVELAND, OHIO

Flowers of Every Kind in Season

CLEVELAND

A. GRAHAM & SON

5523 Euclid Ave.

Will take good care of your orders

Members of F. T. D. Association.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.

Rochester Phone 306. Long Dist. Bell Phone 278;
Members Florists' Telegraph Delivery

S. A. ANDERSON

440 Main St., Buffalo, N. Y.

ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS

For Retail Stores a Specialty

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THOMAS ROLAND, Nahant, Mass.

WORCESTER, MASS.

Randall's Flower Shop

HARRY I. RANDALL, Proprietor.

Member Florists' Telegraph Delivery.

NEW FLOWER STORES.

New York, N. Y.—Frank E. Campbell, 1966 Broadway.

Indianapolis, Ind.—Bert Hitz, succeeding Circle Flower Store.

San Francisco, Cal.—F. C. Jaeger & Son, 212 O'Farrell St., succeeding Golden State Florist Shop.

Buffalo, N. Y.—Charles Felton, 91 Grant St., succeeding S. J. Rebstock.

At the April meeting of the Toronto Retail Florists' Association, exception was taken to The T. Eaton Co. advertising No. 1 regular \$2.00 roses, Richmond, Shawyer, Stanley, Ophelia and Killarney, for 36 cts. per dozen. The President and other members purchased several dozen, and said they were only culls. The florists decided to take up this with the Advertising Club, who have done so much to eliminate fraudulent advertising, and see if some redress for this alleged misrepresentation could not be obtained.

SEND ORDERS FOR BOSTON AND
NEIGHBORHOOD FOR

**MOTHERS' DAY and
MEMORIAL DAY DELIVERY**

To JULIUS A. ZINN

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PLANTSMEN

TARRYTOWN-ON-HUDSON, - N. Y.

Quality and Reliability
WARBURTON

FALL RIVER, MASS.

Deliveries of Flowers and Plants
in FALL RIVER and contiguous
territory.

H. F. A. LANGE
WORCESTER, MASS.

Deliveries to all points in New England.
125,000 Square Feet of Glass.

Member Florists' Telegraph Delivery
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YALE! YALE!

And All New Haven Neighborhood

FLOWER AND PLANT DELIVERIES
Everything First-Class

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FRED C. WEBER

4326-28 Olive St.

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NOTICE INITIALS. We have one store only

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Euclid Avenue

The Far-Famed Flowers of
TORONTO

Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.

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8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.

EYRES

Flowers or Design Work

DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER

106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"

The largest cut flower store in America.
Orders for the TWIN CITIES and for all
Northwestern points given prompt attention

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.

B. E. GILLIS, President.

E. P. NEIMAN, Secretary.

Member Florists' Telegraph Delivery.

DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS

The Florist Member F. T. D. Association

Ready for Delivery During April

A large Quantity of
**Beauty and Shawyer
ROSE PLANTS**

*If interested let us quote
you prices*

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

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Horticulture's Advertisers
FIRST**

Before Looking Elsewhere

**Tell Them You Did So And
They'll Reciprocate**

**EDWARD REID
WHOLESALE FLORIST**

1619 - 21 Ranstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

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*Wholesale Cut Flowers
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WHOLESALE FLORIST

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E. G. HILL CO.

Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

**MICHIGAN CUT FLOWER
EXCHANGE, Inc.**

WHOLESALE COMMISSION FLORISTS
Consignments Solicited
Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service
ZECH & MANN
We are Wholesale Florists Doing
a Strictly Wholesale Business
30 East Randolph Street, CHICAGO

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

**IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.**

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.
2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

**WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100
TO DEALERS ONLY**

	BOSTON April 25		ST. LOUIS April 22		PHILA. April 22	
Roses						
Am. Beauty, Special	25.00	to 50.00	40.00	to 50.00	25.00	to 30.00
" " Fancy and Extra	14.00	to 20.00	10.00	to 30.00	12.50	to 20.00
" " No. 1 and culls	2.00	to 6.00	8.00	to 5.00	4.00	to 10.00
Russell, Euler, Mock	1.00	to 10.00	5.00	to 15.00	4.00	to 10.00
Hadley	1.00	to 10.00	4.00	to 10.00	3.00	to 15.00
Arenberg, Hoosier Beauty	1.00	to 8.00	2.00	to 4.00	2.00	to 10.00
Ward	1.00	to 8.00	1.00	to 4.00	2.00	to 6.00
Killarney, Radiance, Taft	1.00	to 8.00	2.00	to 4.00	2.00	to 10.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	1.00	to 6.00	2.00	to 10.00
Carnations	1.00	to 3.00	2.00	to 4.00	1.00	to 3.00
Cattleyas	24.00	to 50.00	1.00	to 50.00	30.00	to 50.00
Lilies, Longiflorum	3.00	to 6.00	12.50	to 15.00	6.00	to 10.00
Lilies, Speciosum	3.00	to 6.00	1.00	to 12.50	3.00	to 6.00
Iris	4.00	to 8.00	1.00	to 1.00	6.00	to 8.00
Callas	4.00	to 8.00	1.00	to 10.00	6.00	to 8.00
Lily of the Valley	6.00	to 8.00	1.00	to 6.00	3.00	to 6.00
Snappedragon	3.00	to 8.00	1.00	to 3.00	8.00	to 8.00
Gladioli	1.00	to 1.00	1.00	to 10.00	1.00	to 1.00
Pans es	.50	to 1.00	1.00	to .30	1.00	to .50
Freesia	1.00	to 1.00	2.00	to 3.00	1.00	to 1.00
Narcis, Paper White	1.00	to 1.00	1.00	to 3.00	1.00	to 1.00
Roman Hyacinths	1.00	to 2.00	1.00	to 8.00	1.00	to 1.00
Daffodils	1.00	to 8.00	1.00	to .75	1.00	to 3.00
Tulips	1.00	to 3.00	3.00	to 3.00	1.00	to 3.00
Calendula	.50	to 2.00	1.00	to 2.00	1.00	to 3.00
Stocks	1.00	to 3.00	1.00	to 1.00	2.00	to 3.00
Wall Flowers	1.00	to 3.00	1.00	to 1.00	8.00	to 3.00
Mignonette	2.00	to 4.00	1.00	to 1.00	1.50	to 3.00
Sweet Peas	.75	to 1.00	.30	to .75	.40	to 1.10
Marguerites	1.00	to 2.00	1.00	to .75	.50	to 1.00
Gardenias	15.00	to 25.00	1.00	to 1.00	1.00	to 35.00
Adiantum	1.00	to 1.25	1.00	to 1.00	1.00	to 1.50
Smilax	20.00	to 25.00	12.50	to 15.00	1.00	to 1.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	25.00	to 35.00	25.00	to 50.00

WILLIAM F. KASTING Co.
Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

ROBERT DYSART
CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
BOOKS BALANCED AND ADJUSTED
40 STATE ST. BOSTON
Telephone Main 14.

Boston Floral Supply Co.

247-267 Cambridge St., Boston
Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not re-
ceived one.

Flower Market Reports

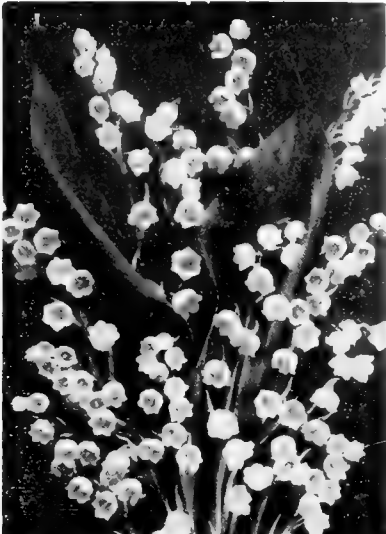
Business has lagged considerably this week and at present moment is depressingly dull. Roses are moved only at very low figures although of excellent quality generally. Carnations are also very draggy. There is an abundance of sweet peas but many of them are rather short-stemmed and inferior. With the exception of large daffodils, Darwin tulips and lilies, bulbous flowers are about over. There are some very fine ranunculuses in fair quantities and these sell at from \$4.00 to \$8.00 a hundred. English primroses are quite plentiful and good, selling at \$2.00 per dozen bunches for the best. Snapdragon of fine finish is offered but finds few takers. Lily of the valley is better than for a long time past, but like everything else it is not finding a very appreciative market just now.

Trade continues moderate and no change for the better is expected till the cold wind and rain give way to warmth and sunshine. Funeral work is using up a fair amount of stock and shipping orders are helping out but more business would be welcome, and there is plenty of stock to take care of it. There is an abundance of roses coming in daily and the variety and quality are all that can be desired. Carnations continue in excess of demand. There is plenty of miscellaneous stock to choose from and the buyer on the spot will get a good deal for his money.

Taking into consideration the general conditions and the time of the year business is fairly good. The supply is sufficient and at times proves to be more than sufficient. Prices are very reasonable, at least from the buyers point of view.

Roses are in a fair supply. Carnations are coming in heavily. Sweet peas are fairly plentiful but many are short stemmed. Lilies are not near as plentiful as they were. Some excellent snapdragon is seen.

Trade has been going at a very moderate gait for the past week. There is nothing in sight at present to indicate any special activity ahead and the small trader and bargain-lot buyer has come in quite welcome in many instances so that accumulations may be held down. The growers are doing their part as to quality of product, most varieties of seasonable stock being very well grown. This is particularly true of the roses, which are very fine, as a rule. Cattleyas are still seen in larger supply than the market requires. Gardenias are a slow proposition—in fact, everything that would be classed among the choice high-grade products is noticeably slow to



VALLEY

For the balance of the season we will have a regular supply of Valley

Special, \$8.00
First, 6.00

EVERYTHING IN CUT FLOWERS,
PLANTS, GREENS, RIBBONS
AND SUPPLIES.

S. S. PENNOCK COMPANY

The Wholesale Florists of

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES—Per 100 TO DEALERS ONLY

	CINCINNATI April 22		CHICAGO April 22		BUFFALO April 22		PITTSBURG April 15	
Roses								
Am. Beauty, Special	40.00	to 50.00	40.00	to 50.00	30.00	to 40.00	30.00	to 40.00
“ “ Fancy and Extra	25.00	to 35.00	20.00	to 40.00	20.00	to 30.00	15.00	to 25.00
“ “ No. 1 and culls	8.00	to 15.00	5.00	to 15.00	3.00	to 15.00	5.00	to 12.50
Russell, Euler, Mock	6.00	to 15.00	3.00	to 25.00	3.00	to 8.00	10.00	to 25.00
Hadley	6.00	to 15.00	5.00	to 25.00	5.00	to 10.00	.....	to
Arenberg, Hoosier Beauty	5.00	to 12.00	3.00	to 12.00	4.00	to 8.00	.....	to
Ward	4.00	to 8.00	2.00	to 10.00	3.00	to 6.00	4.00	to 12.00
Killarney, Radiance, Taft	3.00	to 8.00	2.00	to 10.00	3.00	to 8.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon	4.00	to 10.00	2.00	to 10.00	3.00	to 10.00	4.00	to 12.00
Carnations	2.00	to 3.00	1.00	to 3.00	2.00	to 3.00	.....	to 4.00
Cattleyas	50.00	to 60.00	40.00	to 60.00	40.00	to 50.00	60.00	to 75.00
Lilies, Longiflorum	10.00	to 12.00	6.00	to 10.00	8.00	to 10.00	12.00	to 15.00
Lilies, Speciosum	.....	to .....	.....	to	4.00	to 6.00	.....	to
Iris	.....	to	5.00	to 8.00	6.00	to 8.00	6.00	to 10.00
Callas	8.00	to 10.00	5.00	to 12.00	6.00	to 12.00	6.00	to 15.00
Lily of the Valley	.....	to 6.00	4.00	to 5.00	6.00	to 8.00	6.00	to 8.00
Snapdragon	6.00	to 12.00	5.00	to 12.00	4.00	to 10.00	6.00	to 12.00
Gladioli	.....	to 8.00	.....	to	5.00	to 8.00	.....	to
Pansies	.....	to 1.00	75	to 1.00	50	to 75	.....	to 1.00
Freesia	.....	to .....	.....	to	1.00	to 3.00	2.00	to 4.00
Narcis, Paper White	2.00	to 3.00	2.00	to 3.00	.....	to .....	.....	to 3.00
Roman Hyacinths	.....	to	2.00	to 3.00	.....	to .....	.....	to
Daffodils	1.00	to 3.00	2.00	to 3.00	1.00	to 2.00	2.00	to 3.00
Tulips	2.00	to 4.00	2.00	to 5.00	1.00	to 2.00	3.00	to 4.00
Calendula	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	1.00	to 2.00
Stocks	2.00	to 4.00	2.00	to 4.00	3.00	to 4.00	.....	to
Wall Flowers	2.00	to 3.00	.....	to .....	.....	to	1.00	to 3.00
Mignonne	4.00	to 6.00	3.00	to 8.00	2.00	to 4.00	3.00	to 4.00
Sweet Peas	50	to 1.50	50	to 1.50	50	to 1.50	50	to 1.50
Marguerites	1.00	to 1.50	75	to 1.00	1.00	to 1.50	2.00	to 3.00
Gardenias	.....	to	15.00	to 25.00	15.00	to 25.00	.....	to
Adiantum	.....	to 1.00	1.00	to 1.25	1.00	to 1.25	1.00	to 1.50
Smilax	15.00	to 20.00	12.00	to 20.00	15.00	to 20.00	20.00	to 25.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	50.00	to 75.00

move and whatever business is had leans mostly to the things that are more commonplace and cheap. The stores that have been doing the most business are those located in neighborhoods where laboring people and those of moderate means reside and the Fifth avenue and Madison avenue retailers have had the most reason to complain of reduced and sluggish business.

Business has been rather erratic here. Some days it would be good; then a slump; then pick up again. The weather, the parades for Liberty, the supply and demand—all had a bearing. Erratic is the word that tells the story all right.

"Off again, on again, gone again, Fin-negan!" Peonies from southern points have made their appearance. Very fair quality, but nothing like what we will have soon from nearby. Roses are holding their own fairly well and prices remain on an even keel. Carnations are selling about as well as anything. Some days there are too many; then again, not enough. Sweet peas are in ample supply, not quite so fine as they were, shorter stemmed and a bit soft. Gardenias are slow. When you hear the boys on the street offering them for a nickel on a Saturday, that tells the story. Spanish iris are again in evidence. These are of the later-flowering varieties and bring more moderate prices. Apple, cherry, lilac and other outdoor blossoms are

(Continued on page 423)

H. E. FROMENT
Wholesale Commission Florist
Choice Cut Flowers
New Address, 143 West 28th St., NEW YORK
Telephones: 3200, 3201, Madison Square.

WM. P. FORD
Wholesale Florist
107 W. 28th Street, NEW YORK
Telephone 5335, Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS
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Consignments Solicited
Phone Farragut 4336

FRANK MILLANG
Wholesale Commission Dealer in
CUT FLOWERS
55 and 57 West 26th St., New York
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RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS
49 WEST 28th ST. NEW YORK.

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WHOLESALE FLORIST
108 WEST 28th ST
CONSIGNMENTS SOLICITED
PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO
Fresh Cut Decorative Evergreens.
Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - NEW YORK

WILLIAM H. KUEBLER
Brooklyn's Foremost and Best
WHOLESALE COMMISSION HOUSE
A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.

M. C. FORD
121 West 28th St., NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of ALL CUT FLOWERS.
Telephone 5870 Farragut.

WHOLESALE FLORISTS
A. Young & Co.
54 West 28th St. New York.
Consignments Solicited

P. J. SMITH
WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes.
TELEPHONE 2281 (FARRAGUT 131 West 28th St., NEW YORK CITY
3089

ALBANY CUT FLOWER EXCHANGE
THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY
SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section
CHARLES MILLANG
Wholesale Florist
55 and 57 W. 26th Street, - NEW YORK
Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK
WHOLESALE FLORISTS
55-57 West 26th Street
Telephones, 13-8510 Madison Square
MAURICE L. GLASS, Treasurer Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending Apr. 20 1918		First Part of Week beginning Apr. 22 1918	
American Beauty, Special	10.00	to 30.00	10.00	to 30.00
" " Fancy and Extra	8.00	to 15.00	8.00	to 15.00
" " No. 1 and culls.	1.00	to 4.00	1.00	to 4.00
Russell, Euler, Mock.	1.00	to 8.00	1.00	to 8.00
Hadley.	2.00	to 35.00	2.00	to 35.00
Arenberg, Hoosier Beauty.	1.00	to 6.00	1.00	to 6.00
Ward.	1.00	to 6.00	1.00	to 6.00
Killarney, Radiance, Teft.	1.00	to 6.00	1.00	to 6.00
Ophelia, Sunburst, Hillingdon.	1.00	to 8.00	1.00	to 8.00
Key.	1.00	to 8.00	1.00	to 8.00
Carnations.	1.00	to 2.50	1.00	to 2.50

WALTER F. SHERIDAN
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3632-3533 Madison Square

JOSEPH S. FENRICH
WHOLESALE FLORIST
LILIES EVERY DAY
51 W. 28th Street, New York
Telephones, 429-421-422 Mad. Sq.

J. J. COAN, Inc.
Glass Product of the Leading Growers
NOVELTIES A SPECIALTY.
Consignors Please Call or Write.
115 W. 28th St., NEW YORK
Telephones, Farragut 5413 or 5891.

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COMPANY, Inc.**
103 W. 28th Street, NEW YORK
EVERYTHING FOR THE FLORIST

Frank H. Traendly Charles Schenck
TRAENDLY & SCHENCK
Wholesale Florists
430 8th Avenue, Between 26th and 27th Sts., New York
Telephones: 797, 798, 799 Farragut
Consignments Solicited

REED & KELLER
122 West 25th St., New York
Florists' Supplies
We manufacture all our
Antal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries
Importers and Growers of
ORCHIDS
Out Flowers of All the Leading Varieties
in their Season.
THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks
Manufactured by
W. J. COWEE, Berlin, N. Y.
10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 421)

beginning to cheer up the counter. A fine assortment can now be got from the wholesalers for a five or a ten.

Business continues PITTSBURGH prosperous, considering the season, many funerals making enormous demands upon stock, which remains rather scarce, each day seeing everything well cleaned up. With the exception of sweet peas which are on the wane, products are of good quality, lilies especially improving as the season goes on.

Stock has shortened ROCHESTER, up considerably in N. Y. the Rochester market. Snow storms during the nights have been prevalent the past week. There is quite a scarcity of carnations. Violets shipped in from the East are in over-supply and the demand small. There is a heavy receipt of roses and prices are lower. Callas and lilies are selling good. Sweet peas are in good supply and quality. Calendulas, anemones and iris are found useful. Smilax and other greens are in fair supply.

Weather conditions are ST. LOUIS. very hard on sweet peas especially; light colors in carnations are still numerous and good dark colors are in fair demand. Roses are coming in good, the only leftovers being mostly in white and pink Killarney. Local arrivals in purple lilac are now coming in through the Kirkwood growers. Good demand for home-grown asparagus.

The market has WASHINGTON. been considerably upset due to varying weather conditions. Stock that is really good sells without difficulty, and there has been a rather heavy demand for roses and carnations because of the large number of funeral orders and the sales of cut flowers incident to the D. A. R. convention. Rambler roses in pots are plentiful and are being substituted for azaleas and rhododendrons. Lilies have been scarce and callas have been selling well in their stead. Violets are about gone. Mignonette and pansies are not selling very well.

Obituary

James B. Henry.

James B. Henry, formerly a florist of Fresh Kill Road, Richmond, Staten Island, N. Y., and lately employed by John Scott Co. and John Condon of Brooklyn, died suddenly on April 11, aged 56 years. He is survived by his mother and sister.

Mrs. J. F. Sullivan.

Mrs. J. F. Sullivan, wife of one of the foremost florists of Detroit, Mich., died on Thursday, April 18 and was buried on Monday, April 22. She was a most estimable lady and her passing

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"
ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Apr. 20 1918		First Part of Week beginning Apr. 22 1918	
Cattleyas.....	25.00	to 50.00	25.00	to 50.00
Lilies, Longiflorum.....	3.00	to 5.00	3.00	to 5.00
Lilies, Speciosum.....	2.00	to 5.00	2.00	to 5.00
Iris.....	4.00	to 10.00	4.00	to 10.00
Callas.....	6.00	to 8.00	6.00	to 8.00
Lily of the Valley.....	2.00	to 5.00	2.00	to 5.00
Snaptadragon.....	8.00	to 8.00	2.10	to 8.00
Gladioli.....	.....	.....	.....	.....
Pansies.....	.50	to 1.00	.50	to 1.00
Freesia.....	1.00	to 2.00	1.00	to 2.00
Narcis, Paper White.....	.75	to 1.50	.75	to 1.50
Roman Hyacinths.....	1.00	to 2.00	1.00	to 2.00
Daffodils.....	1.00	to 2.00	1.00	to 2.00
Tulips.....	1.00	to 6.00	1.00	to 6.00
Calendula.....	1.00	to 3.00	1.00	to 3.00
Stocks.....	1.00	to 2.00	1.00	to 2.00
Wall Flowers.....	1.00	to 2.00	1.00	to 2.00
Mignonette.....	1.00	to 3.00	1.00	to 3.00
Sweet Peas.....	.25	to 1.50	.25	to 1.50
Marguerites.....	.50	to 2.00	.50	to 2.00
Gardenias.....	8.00	to 25.00	8.00	to 25.00
Adiantum.....	.25	to 1.00	.25	to 1.00
Smilax.....	15.00	to 20.00	15.00	to 20.00
Asparagus Plumosus, & Spreng (100 bunches).....	20.00	to 30.00	20.00	to 30.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

away is a lamentable loss to her family and a host of sorrowing friends.

Mrs. John Poehlmann.

Mrs. Emma Parker Poehlmann, widow of the late John Poehlmann, passed away at the family residence at 4728 Beacon street, Chicago, on Tuesday, April 23rd. Emma Parker was born in Chicago fifty-four years ago and spent practically all her life in that city. She was married in 1904 to John Poehlmann, whose reputation as a successful florist is nation-wide. For the past nine years Mrs. Poehlmann has not been well and has spent considerable time in sanitariums, returning from Battle Creek, Mich., only one week ago. Mrs. Poehlmann was greatly devoted to her husband and since his death, two years ago next July, has missed him greatly and to this is attributed her last illness. Mrs. Poehlmann leaves a step-son John, a step-daughter Frieda, one sister Mrs. Guy French, and one brother Thos. Parker.

BUSINESS TROUBLES.

Hartford, Conn.—William J. Doogue, who as Doogue & Co., conducted a florist shop at Asylum and Ann streets and who some weeks ago filed a petition in bankruptcy, at an adjourned meeting of creditors on April 15, in the office of Edward M. Yeomans, referee in bankruptcy, withdrew his offer to compromise with creditors by paying 25 cents on the dollar. In view of the withdrawal Roger W. Davis was appointed trustee.

Visitors' Register

Toronto, Ont.—J. J. Karins, repr. H. A. Dreer, Phila.

Cincinnati—J. C. Nielsen of Poehlmann Bros. Co., Chicago, Ill.

Boston—H. S. DeForest, New York; M. C. Ebel, Madison, N. J.

St. Louis—Julius Dilloff, repr. Arthur Schloss & Co., New York.

Philadelphia—N. J. Hayman, Clarksburg, W. Va.; Heck Bros., Wyomissing, Pa.

Rochester, N. Y.—Mr. Nelson of the Burlington Willow Ware Co., Burlington, Ia.

Chicago—J. J. Karins, repr. H. A. Dreer, Phila.; W. J. Vesey, Ft. Wayne, Ind.; J. G. Heintz, Terre Haute, Ind.

Pittsburgh—Peter Vandekarp, repr. H. De Graff & Sons, Lisse, Holland; Isaac M. Bayersdorfer, Bayersdorfer & Co., Phila.; Julius Dilloff, A. Schloss & Co., New York.

Hackettstown, N. J.—Alonzo D. Herrick is contemplating extensive additions to his Center street greenhouses. Mr. Herrick purchased recently four greenhouses at Hightstown which will be torn down and moved here.

LOCAL AND GENERAL NEWS

CHICAGO.

Early peonies in northern Illinois are reported as nipped by the frost.

The growers are very busy hurrying on their bedding stock, of which some kinds are said to be in rather short supply.

The trade was shocked at the news of the sudden death of the widow of the late John Poehlmann on April 23rd. Further notice will be found in the obituary columns.

According to their usual custom one of the department stores sold three hundred thousand two-year-old Catalpa trees for Arbor Day at one cent each. A circular telling how to plant and care for the tree was given to each customer.

The war loan is not reported as moving as fast as it should be or as was expected. If the florists do not come forward and meet their responsibilities in this way the result will be a tax, regarding which there will be no question as to payment and no interest received.

A call at the factory of the Foley Greenhouse Manufacturing Co. showed the wheels moving round, though the plant was not running to full capacity. James Foley, who is general office manager as well as secretary, is recovering from a severe back strain resulting from a tussle with a "Henry."

Miss Edna Frauenfelder, west side florist, is back again after a severe illness. Mr. Frauenfelder says the abolishing of Sunday funerals adds to his Sunday work rather than diminishes it, for he must be in the store all day getting out work for Monday funerals, more people placing orders on Sunday than would have on Saturday.

The next regular meeting of the Chicago Florists' Club will be held at the Bismarck hotel on Thursday evening, May 9th. All local retail florists are invited to make known their pet theories for promoting the popularity of Mothers' Day and thereby increasing cut flower sales for that day. Also how to make a greater financial success of Memorial Day, which seems to have drifted into a combination of bedding plants and base ball.

A. L. Vaughan considers the wholesale market as fair for April and not differing widely from other years. Quantities of jonquils are coming from the south, fifty or sixty thousand each day, and sell for six and eight cents per bunch of twenty-five, though more often selling by the box. There is no investment in this for the shipper, only labor to be considered. The lilacs from southern Illinois were not so many as usual this spring but were fine and sold well.

The Chicago Feed and Fertilizer Co., U. S. Yards, Chicago, are sending

out a very nicely arranged folder, bearing the heading, "Why you should plant a home garden." It goes into the necessity for feeding the soil; a description of the Magic Brand Fertilizers; how to prepare the garden plot; importance of good seeds, etc. A sowing and planting table gives valuable advice to the gardener and the whole is done in the patriotic red, white and blue, with Uncle Sam industriously spading a garden on the cover. This will be mailed for the asking.

WASHINGTON.

Sergt. Ben Carrick, formerly employed by Gude Bros., was in town last week bidding good-bye to family and friends preparatory to going across to take a shot at the Kaiser's cohorts. During his stay at Camp Gordon, Ga., he rose from private, second class, to his present rank. He is connected with the 325th Infantry.

Goldenberg's department store has been selling large quantities of flowers of late at the usual cut-price department store rates. It is understood that one week they disposed of something like 8,000 carnations at 39 cents per dozen and during another week 5,000 roses at 59 cents a dozen. The only competition, however, is probably that felt by the street men.

The War Trade Board announces that the list of commodities which will be considered for exportation to Sweden and Holland as originally made public on February 20, has been revised and augmented. It states that until further notice applications for licenses to export flower seeds, except seeds of oil-bearing plants, and shrubs to Sweden and European Holland will be given consideration by the Bureau of Exports, Washington, D. C., if the necessary import permit has been obtained from the country of destination and the proper supplemental information form filed with the application.

A big Liberty Loan Drive is in progress among the florists and a meeting of the Washington Florists' Club has been called to take action on the campaign. In this connection the following letter was addressed to a list of its members, urging them to get busy.

A Liberty Loan Committee has been appointed to represent the FLORISTS of WASHINGTON in the BIG DRIVE to put the District of Columbia's contribution "Over the Top." YOU ARE A MEMBER. It is asked of you that you see as many florists as you can and report to the secretary not later than April 30, by letter, advising him of the names of those whom you have seen and the number and denomination of the bonds each pledges himself to buy. We do not care where the bonds are bought all we want is that every retailer, every wholesaler, every grower, and all of the employees of each of these DO HIS BIT.

The members of the committee are: William F. Gude, chairman; Z. D. Blackstone, Harry B. Lewis, Milton Thomas, O. A. C. Oehmler, M. J. McCabe, Theodore Diedrich, Henry Witt, William Marche, G. E. Anderson, R. L. Jenkins and John Gutman.

BOSTON.

Wednesday, April 24, was Prof. Charles S. Sargent's seventy-sixth birthday anniversary.

By the will of William H. Ames of North Easton the sum of \$1,000 is bequeathed to his gardener, George H. Craig.

B. J. Macklin has opened a new and attractive flower store in Whitney's Block, 1854 Massachusetts Ave., Cambridge. Mr. Macklin has been located in Somerville for many years.

The presentation of seeds for 5000 war gardens was the feature of a patriotic mass meeting at the Dorchester High School hall last Wednesday night, under the auspices of the Dorchester food conservation committee. The presentation was made by Wilbur S. Beale, treasurer of the Dorchester Trust Company, and the seeds were offered in the name of the company. Mr. Beale exhibited also prizes to be given to the owners of gardens showing the best results.

It was voted at a meeting of the food production committee of the Boston committee on public safety, April 24, that the tax for war garden allotments this season will be \$10, to be paid \$5 down and the remainder in two instalments. Contracts must be signed by the citizen-farmers when farming ground in Franklin Park or some other stretch of city land is allotted. The amateur farmer will receive in return for the \$10 not only the plot of ground, but also free ploughing, harrowing and other expert assistance, also seed potatoes sufficient to plant two-thirds of his eighth of an acre plot. It is estimated that 900 plots are now available.

J. G. Jack will conduct a field class at the Arnold Arboretum on Saturdays during the spring and early summer, to assist those who wish to gain a more intimate knowledge of the native and foreign trees and shrubs which grow in New England. The instruction will be given in informal outdoor talks and examination of the plants. Different botanical groups will be examined at each meeting. Unless otherwise notified the class will meet at ten o'clock in the morning, on Saturdays, in the Arboretum, at the Forest Hills entrance. The class will open Saturday, April 27, and close June 29. Two hours will be devoted will meet at ten o'clock in the morning, on Saturdays, in the Arboretum, at the Forest Hills entrance. The class will open Saturday, April 27, and close June 29. Two hours will be devoted to each meeting. During the season the class may meet once or twice outside of the Arboretum at some favorable place for the study of trees. These meetings may each take up a half day.

ST. LOUIS.

A delightful evening was spent by a large number of florists at Westminster Hall, April 17th.

Wm. C. Smith Wholesale Floral Co. has completed his alterations and his increased cold storage space is of great help to the largely increased stock.



THE PFALTZGRAFF POTTERY CO., York, Pa.

Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.

WE LEAD IN QUALITY, FINISH AND SERVICE

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AUGUST ROLKER & SONS, 51 Barclay Street, NEW YORK CITY

Our Selling Agents in N. Y., N. J. and Eastern States Territory

PITTSBURGH.

John Hoffman, formerly night man for the E. C. Ludwig Company, has returned to Camp Wheeler, Macon, Georgia, after a ten days' furlough at home. He first saw service last October at Camp Lee, but early in the year was transferred to Camp Wheeler, where he is an attache of the base hospital.

Albert Poehelon, Secretary of the F. T. D., is to be the honored guest and speaker at the first annual meeting and banquet of the Retail Florists' Association of the Pittsburgh District

WANTS, FOR SALE, Etc.

HELP WANTED

The Civil Service Board of the West Chicago Park Commissioners will hold the following examination on the date and at the place given below. Application blanks may be obtained at the office of the Board in Union Park or at the West Park Playgrounds.

Examination No. 318.

FLORIST, Class G, Rank II, Division Z. Original Entrance. Pay \$85.00 to \$150.00 per month. To be held May 7th, 1918, at 8.30 A. M. at the Garfield Park Pavillion. Open to men over 21 years of age, regardless of residence.

Applications must be filed in the office of the Civil Service Board in Union Park before 5.00 P. M. of May 6th, 1918.

Subjects: Special Subject, weight of 6; Experience, weight of 3; Physical, weight of 1.

Special Subject: An oral and practical test in exhibition greenhouse work and written questions on the care and propagation of plants and general greenhouse operations.

The duties of Florist are general work in the conservatory and propagating house and in the outdoor gardens throughout the system.

FRED. G. HEUCHLING,

Superintendent of Employment.

April 12, 1918.

WANTED—At once, a sober, reliable man in a retail place of about 8,000 sq. ft. of glass. Address GEO. E. FELCH, Florist, Ayer, Mass.

WANTED—Young man as assistant in park garden work. Address "J. J.," care HORTICULTURE.

WANTED—Young man who understands potting and general greenhouse work. Good opportunity to progress. Permanent place for the right man. ARNOLD-FISHER COMPANY, 58 Wyman St., Woburn, Mass.

WANTED—A grower capable of handling section work in commercial greenhouse establishment; one with knowledge of chrysanthemums, sweet peas and carnations. Address A. F., care HORTICULTURE.

WANTED: A gardener as second man to work in a commercial place. Hours, 7.30-5.00. Wages, \$3.00 per day. Half-day off Saturday in summer months. F. E. PALMER, INC., 220 Washington St., Brookline, Mass.

SITUATIONS WANTED

SITUATION WANTED—Gardener head, American, married, no children, wide experience in all branches horticulture and agriculture; highly recommended. MACKY, 329 W. 24th St., N. Y. City.

to be held May 7th at the Seventh Avenue Hotel. The organization now includes nineteen members who are co-operating for improved public service and, incidentally, the returns therefrom.

As the result of an automobile being struck by a B. & O. passenger train on a grade crossing at Valencia on last Saturday night, Charles Caylor, a chauffeur for the Pittsburgh Cut Flower Co., and four other residents of its Crystal Farms settlement were killed and two others seriously injured. In addition to Mr. Caylor, the death list also includes Mrs. Caylor and their twelve-year-old son, Mrs. Thomas Fiol, aged 36, and seven-year-old Teddy Fiol, the wife and son of one of the greenhouse men. The Caylor were killed instantly, while Teddy Fiol was hurled from the machine, lighted on his head and died in a few minutes. Mrs. Fiol was removed to the hospital, where she died shortly after. Her 14-year-old daughter, Jean-

nette, was cut and bruised, while little Ruth Caylor suffered a fractured arm and both legs broken. Mr. Caylor, who had been with the Pittsburgh Cut Flower Co. for the past eight years, bore an excellent reputation and during his entire service had never been late or had an accident of any kind.

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Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

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C. KEUR & SONS, HILLEGOM, Holland.
Bulbs of all descriptions. Write for prices.
NEW YORK BRANCH, 8-10 Bridge St.

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Split carnations quickly, easily and
cheaply mended Pillsbury's Carnation
Staple, 1000 for 35c.; 3000 for \$1.00 post-
paid. I. L. PILLSBURY, Galesburg, Ill.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or
Spring delivery. Wholesale and Retail.
Send for Catalog. NORTHBORO DAHLIA
& GLADIOLUS GARDENS, J. L. Moore,
Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker,
Newest, Handsomest, Best. New color, new
form and new habit of growth. Big stock
of best cut-flower varieties. Send list of
wants to PEACOCK DAHLIA FARMS,
Berlin, N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-
STON GLASS CO., Hartford City, Ind.

GLADIOLI

SEND FOR MY SPECIAL TRADE LIST
OF GLADIOLI. ALL THE LEADING VA-
RIETIES IN DIFFERENT SIZES.

CENTRAL GLADIOLUS GARDENS.
JELLE ROOS, MILTON, MASS.

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HASSALL & CO., Orchid Growers and
Raisers, Southgate, London, England. Catt-
leyas and Laello-Cattleyas our specialty.
One trial order solicited.

PANSY PLANTS

200,000 large stocky September-trans-
planted field-grown blooming pansy plants.
Superb Strain, all salable stock. Satisfac-
tion guaranteed. \$1.35 per 100, \$12.50 per
1000. Ready about April 20. Cash with
order. BRILL CELERY GARDENS, Kala-
mazoo, Mich.

PAPER POTS

Paper Pots and Dirt Bands. Send for
Samples and Prices. F. W. ROCHELLE
& SONS, Box 65, Chester, N. J.

PEONIES

Peonies. The world's greatest collection.
1200 sorts. Send for list. C. BETSCHER,
Canal Dover, O.

ROSES

ROSES, CANNAS AND SHRUBS.
THE CONARD & JONES COMPANY,
WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and
orchid baskets always on hand. LAGRE
& HURRELL, Summit, N. J.

VEGETABLE PLANTS

Tomato Plants—Comet, 2 1/4 inch, \$2.00
per 100. FRANK LEITH & SON, Haverhill,

4,000,000 Cabbage, Cauliflower, Tomato
and Celery plants. Field grown and potted.
List free. F. W. ROCHELLE & SONS,
Chester, New Jersey.

VINES

Flowering and Foliage Vines, choice
collection. Large Specimen, Pot and Tub
grown for immediate effect; also Climbing
Roses. J. H. TROY, Mount Hissarlik Nur-
serv. New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HILSCHER'S WIRE
WORKS, 244 Randolph St., Detroit, Mich.



WEED KILLER

THE VERY NEWEST AND QUICKEST METHOD OF DESTROYING WEEDS, GRASS AND OTHER GROWTH IN GARDEN WALKS, GUTTERS, TENNIS COURTS, DRIVEWAYS, ETC.

This fluid absolutely destroys all weeds and other growth wherever applied, and its effect on the ground prevents the growth of fresh ones for a year and thus saves a great deal of time and labor, as no cutting, hoeing or hauling away of the weeds is required.

We manufacture the strongest line of DISINFECTANTS on the market.

P-L CHEMICAL CO., 507-509 W. 19th St., New York

CORRESPONDENCE SOLICITED.

PUBLICATIONS RECEIVED.

Florida, the Land of Enchantment. By Melvin O. Winter. Published by The Page Company, Boston. This sumptuous volume is the latest addition to the popular "See America First" series, being the eleventh to appear. It is a beautiful volume, superbly bound and in all respects a creditable example of the bookmakers' art, but this is only incidental and the real claim of the book on our readers is its entertaining style, its literary value and fidelity to history. The contents include an account of the romantic history of the Florida peninsula from the days of Ponce de Leon and the other early explorers and settlers, and the story of its native Indians; a survey of its climate, lakes

and rivers; a description of its scenic wonders and abundant arboreal, animal and bird life; a comprehensive review of the Florida of today, as a state important for its industries, agriculture and educational advantages, as well as the inimitable supremacy it possesses as a winter resort, with noteworthy attractions for health and pleasure seekers, nature lovers, motorists and sportsmen. The romance of the discovery, story of the conquest, the tragedy of the Huguenots, the seven years' conflict with the redmen, the St. Johns and Ocklawaha rivers, the American Riviera, Palm Beach and Indian River, along the west coast, the everglades, the keys, fish and fishing, bird life, etc., are all vividly portrayed in the chapters, and the text matter is well supplemented by a map and 56 splendid plates, of which 8 are in color, the subjects of the latter being The Palmetto, Seven Mile Bridge, Cape Florida Lighthouse at Miami, An Orange Grove, A Florida Alligator, Entrance to Naval Station at Key West, Fort Marion and Old St. Augustine. Under the captivating style of the author the reader finds a seductive charm in this story of a section of our country which has but recently come into prominence horticulturally, industrially and as a resort for "the rich, idle and gay" during the inclement season of the year; and we can unhesitatingly recommend the book to our readers as one of exceptional interest and instruction. The price of the volume is \$3.50 net, \$3.75 carriage paid. HORTICULTURE can supply it.

PHILADELPHIA.

We had the pleasure this week of a visit from Raymond Thoirs from camp at Anniston, Ala., home on a furlough to see his folks in this vicinity. He is a son of James M. Thoirs the well-known Camden florist. Looks fine and has a muscle on him that will make the Hun Hunt the Hay if he ever runs up against it.

April weddings have been more numerous than was generally expected. Of course, the boys are at the front, or going, but many of the latter have got busy right now, whereas in ordinary times they would have put it off for a year or two. And, come to think of it, that idea seems far better than asking the dear lass to "wait for me 'till I come back."

GREENHOUSES BUILDING OR CONTEMPLATED.

Providence, R. I.—Charles Hunt, Burnside St., alterations.
Braintree, Mass.—Conservatory; Hitchings & Co., builders.
East Brimfield, Mass.—Wm. C. Davenport, one house, completed.



Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

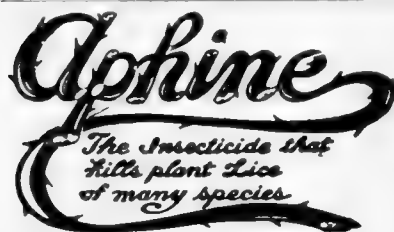
Non-poisonous and harmless to user and plant. Leading Seedmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/2 Pint, 30c.; Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. 3, 420 W. Lexington St., Baltimore, Md.



The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.00.

FUNGINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

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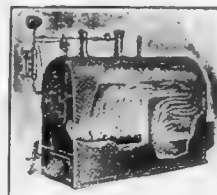


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
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Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Lima Beans and Melons Under Glass

Re your notes on Vegetable Culture, would Mr. Johnson advise as to the growing of lima beans, pole or bush, under glass during the winter months?

Also re musk melons. We have a very short summer season in this district. Would Mr. Johnson give us any advice as to planting melons on benches that had been used for lettuce during winter. The center benches are five feet wide and the wide ones thirty-one inches. What success would we have growing them on the center benches without any supports, letting the vines grow along the ground same as outdoors, and distance apart? N. I. Penna.

Although highly prized as a garden crop the lima bean is not so popular for forcing purposes as the dwarf French or string bean, nor can it be said that as a paying crop the lima merits the same attention. To make a success of growing lima beans under glass during winter the seed of either the bush or pole varieties must be planted not later than the first week of October. The seed may be first planted either in the bench or else started singly in 3-inch pots. We prefer the latter method as thereby a good stand of vigorous plants is insured. The soil should be well enriched with well decayed manure and a little bone meal and should be of a rather light porous nature; stagnant moisture at the roots or in the atmosphere is fatal to lima beans. Good fibrous loam is the ideal. Set the plants of a bush variety alternately in double rows across the bench so that they stand six inches asunder and allow two feet between the rows from center to center. Give abundance of air when weather conditions warrant in the early stages to encourage sturdy growth but never allow the plants to suffer a chill. A night temperature of 60 degrees to 65 degrees will suffice at this stage. Allow a gradual rise in the temperature of ten degrees by the time the plants are in bearing. Spray with clear water twice daily in bright weather to promote healthy vigorous growth and to prevent an attack of red spider, and when the plants are growing freely and have become nicely established, pinch out the growing points. The plants will need support and for this purpose there is nothing better than a few birch twigs stuck on either side of the row. Care must be taken not to injure the stem of plant or the foliage when the brush is being placed in position. Remove the slender growing points as quick as they begin to show when the plants are in bearing, and apply weak liquid manure frequently as a stimulant at this same stage. Similar conditions of both soil and temperature would suit pole limas. We would, however, prefer a solid bed for this crop and would plant

them across the bed in single rows three feet apart, allowing one foot space between the plants in the rows. Train them on sticks or heavy twine, cultivate between the rows and maintain the same buoyant atmosphere as recommended for bush limas.

Melons

The house which has carried lettuce during winter may be at once rendered available for the melon crop, and with reasonable care a fair crop would be obtainable on benches without supporting the plants. Set the plants in pairs through the center of the five-foot bench and give space of three feet between the hills. The young plants should be pinched back when three rough leaves appear and the side growths which later develop may be allowed to grow until the edge of the bench is reached before being stopped. Let the growth then run until the crop is visible, and when fruit is set, pinch the growth at one leaf beyond the fruit. It is better to stop the plants frequently to avoid overcrowding, rather than practice a method of severe pruning at any one time. Admit air freely in fine weather and give an overhead spray twice daily. Never allow the plants to be dry at the roots and maintain a reasonably damp atmosphere until the fruit is about to "set" when the house may be kept a little drier for a few days, after which time resort to spraying the plants again to keep them clean and healthy. If means would allow, and rather than let the plants ramble over the benches, a better system would be to construct a temporary trellis on which to train the plants. Make a double ridge of good fibrous loam through the middle of the 5-foot bench and train the plants to wires on either side. The soil should be thoroughly compact at the time of planting. We allow about fifteen inches between the plants and train them to a single stem, allowing only one fruit to a vine. This is an excellent method to adopt if large shapely specimens are sought and almost invariably ensures a very even crop. If planted two and a half feet to three feet apart the plants may be allowed to carry two or three leaders and as many fruit to each plant. When the fruit shows signs of coloring gradually withhold water at the roots and by all means stop spraying the plants. In the matter of withholding moisture at the root use judgment; don't allow the plant to shrivel up before the fruit is thoroughly ripened. If the plants are allowed to grow over the surface of the bench care should be taken to rest the fruits on tiles, pieces of wood, or better still to stand them upon inverted flower pots.



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Plant more trees

Saturday, April 27, was Arbor Day in Massachusetts and the occasion was duly observed by the planting of trees by town officials, school children and others in many localities, with appropriate exercises, but we have seen no evidence of any comprehensive practical effort in that direction although there are thousands upon thousands of acres of unproductive land in the state which might be thus turned to good account. For many reasons, one of which is the fuel shortage, more trees have been cut down during the past year than in any other recent period although there were fewer to be

cut than ever before. It is undoubtedly true that the planting of young trees to replace them falls far short of that requirement. We should not forget that tree planting for shade and for timber is our bounden duty to the generations that are to follow us. We should have been attending to it systematically and on a large scale during the past forty years, to match the consumption. Had we done so it would have been an asset of untold value today.

Reduced production and its effect

It has been a long-standing tradition of the florist business in this country that it has long maintained an uninterrupted growth in volume and importance, each year seeing a great extension of the area of glass houses, a vast development of the business in every department and increased number of people engaged in it. Now we seem to have come to a time when this no longer holds true. The greenhouse building industry has come almost to a standstill while, in addition to the usual depreciation and abandonment of antiquated structures, there are many places which have been idle under the combined pressure of unprecedented cold and fuel scarcity. The latest official order, limiting the florists' coal supply to fifty per cent of normal, for next season, which appears in this issue of HORTICULTURE, tightens still more the screws and the outlook is plainly for a further curtailment of the annual greenhouse production in every section of the United States and in Canada as well. There are other potentialities looming up which need not be chronicled here that are quite likely to contribute to a very substantial reduction of flower and plant product. What will be the outcome? Can the country consume what will be grown and will the waste of the past be eliminated in the coming season? It begins to look a little that way.

The blessing of snow

A correspondent in a British meteorological journal relates an observation to demonstrate the protection afforded to plant life by a covering of snow. Two minimum thermometers placed over night, one on top of the snow—which was only one and one-half inches deep—and one on the ground under the snow, registered minimum temperatures respectively of 2 degrees below zero and 24 degrees above zero—a difference of 26 degrees! Frequent and heavy snowfall is not usually looked upon by the average mortal as a cause for gratulation. An "open winter," with storms few and light, is much more to his liking. Boston has had an experience of that sort the past winter and it is safe to say that horticulturally she hopes it may be many years before she again has a like visitation. The damage done to nurseries and gardens by the merciless weather of last winter, in the absence of Nature's blessing of deep snow protection, is most pitiful, unparalleled with in the memory of anyone heard from thus far. Evergreens, such as thuyas, retinosporas, tsugas and buxus have suffered terribly, not only here but in states southward but equally severe and ruinous has been the killing in this vicinity of herbaceous border and rock garden plants usually reliable, such as primroses, hollyhocks, lychnis, campanulas, etc. for which the absence of snow covering seems to have been the only cause, as twenty five or thirty miles back from the sea coast, where there was an abundance of snow, all these things have come through in perfect condition. No more snowless winters, please.

REGULATION RESTRICTING FUEL CONSUMPTION BY FLORISTS

The United States Fuel Administration during the last few months has held several conferences with representatives of the commercial florists of the country. The florists have shown full appreciation of the problem involved in providing supplies of fuel to florists at a time when there is a shortage for war industries.

It is the hope of the Fuel Administration that sufficient reduction in consumption of the lesser essential industries can be obtained without demoralizing any of those industries which, like the florists, are highly esteemed by the public. It has been agreed that a 50 per cent curtailment in the use of fuel, which, in general, means a curtailment of hothouse space, will permit the florists to preserve their most valued stock and keep their business organizations intact during the war.

As a result of these conferences, the United States Fuel Administration issued on April 24, 1918, an order governing the use of fuel by florists, both public and private, during the coming year. The order reads:

1. That the term "florist" in this regulation shall be construed to include any person, firm, association, or corporation, engaged in the growing of flowers, plants or winter vegetables, but it is not intended to and shall not include the growing of plants for transplantation to produce summer vegetables.

2. That the term "greenhouse" shall be construed to mean any building, private or public, in which artificial heat is used to aid in the growing of flowers, plants or winter vegetables.

3. That no florist, as defined above, shall at any of his greenhouses consume, burn, or use fuel of any descrip-

tion, including coal, coke, fuel oil, and natural gas, or other petroleum products, or use power derived from any such fuel, for or in connection with the growing of flowers, plants, or winter vegetables, as above defined, during the year beginning April 1, 1918, and ending March 31, 1919, to an amount in excess of fifty per cent (50%) of the average annual amount of fuel consumed at such greenhouse for or in connection with the growing of plants, flowers and winter vegetables, during the period from April 1, 1915, to April 1, 1918.

4. That whenever it appears that any particular greenhouse was not in existence on April 1, 1915, then and in such case the period during which it has been in existence prior to April 1, 1918, shall be considered and used as a basis in determining the quantity that would constitute one-half of the average annual consumption of fuel of such greenhouse.

5. That any florist, as above defined, owning and operating more than one greenhouse for the growing of plants, flowers or winter vegetables, may combine such greenhouses and use in such combined greenhouse the fuel allotted to each of such greenhouses by this regulation, provided the amount of fuel so used at such combined greenhouse shall not be in excess of one-half of the fuel consumed by all of such greenhouses when operated separately.

6. That whenever two or more florists find that a further fuel economy would result from using in one greenhouse the allotments of fuel as provided by this regulation, to two or more greenhouses, then upon application to the United States Fuel Administration and receiving a permit therefor, such florist may use the aggregate allotment of fuel to their respec-

tive greenhouses at one or more greenhouses operated jointly by them, provided the amount of fuel so used shall not exceed one-half of the amount consumed by all such greenhouses when operated separately.

7. That any such florist, violating or refusing to conform to the above regulation, shall be liable to the penalty prescribed in the aforesaid Act of Congress.

(Signed) H. A. GARFIELD,
United States Fuel Administrator.

Later Ruling

The United States Fuel Administration has interpreted its regulation of April 24, restricting fuel for greenhouses by ruling that the exception made in favor of greenhouses in which vegetable plants were raised for "transplantation to produce summer vegetables" applied only to greenhouses exclusively devoted to that purpose.

BITUMINOUS COAL PRICES

Further classification of prices of bituminous coal has been made by the United States Fuel Administration in a regulation covering certain mines in Virginia.

The prices are as follows: Mines operated near St. Charles, Lee County, by the Darby Coal Mining Co.; Black Mountain Mining Co.; Virginia Lee Co.; Old Virginia Coal Co.; United Collieries Co.; Benedict Coal Corporation; and the Imperial mine of the Virginia Iron, Coal & Coke Co., Roanoke, Va.—Run of mine, \$2 65; prepared sizes, \$2.90; slack or screenings, \$2.40.

The prices were effective at 7 a. m. April 26, and do not include the 45 cents per ton allowance to operators who have complied with the terms of the wage-advance agreement.

THE PUBLICITY CAMPAIGN

Our promotion Bureau has just classified and filed many hundreds of clippings of advertisements inserted by florists in newspapers throughout the country, and it is rather surprising to notice how few florists think of the advisability—we might say necessity—of using in their advertising copy our slogan phrase "Say It With Flowers." It should by this time be realized that this slogan is an important link with the advertisements which the Publicity Committees are inserting in magazines of far reaching circulation, such publicity being wholly for the good of the trade. The slogan is also the subject of our handsome window sign, which is being displayed in prominent flower stores everywhere. This slogan was created to suggest to the public mind that flowers are a convenient medium

for the conveyance of sentiments. If used by every florist in his announcements a vast amount of publicity is afforded, all helpful to our campaign. It is hoped that every florist using newspaper space for Mothers' Day announcements will, in some way, include this slogan in his copy.

Quite a few subscribers to the Campaign fund have, so far, overlooked the necessity for remitting their subscription for the 1918 period of advertising. It is hoped that they will not longer delay, as the Publicity Committees are very desirous of making the Campaign continuous, without any break in the program which has been so well thought out and arranged. A Campaign such as this one cannot move very far on credit, nor should it be expected to do so. With the splendid results already obtained there is

every reason to force the fighting rather than to deter it.

Wouldn't this be a good time for the State Vice-Presidents of our Society to do a little more work for the Campaign fund? It should not be hard now to convince any florist that our movement is well-balanced and bound to be a complete success. Every dollar spent means more business.

The following new subscriptions are reported:

Annually for Four Years—Lanternier, Florist, Ft. Wayne, Ind., \$5; Schulthels, Florist, Scranton, Pa., \$15; Wm. H. Kuebler, Brooklyn, N. Y., \$15; O. A. Stoll, Hillsdale, Mich., \$10; Goodbrad Floral Co., Mobile, Ala., \$5. For One Year—Chas. Bartels, Bronx, N. Y., \$15; Andrew Christensen, Stoneham, Mass., \$10; George, Inc., Norfolk, Va., \$25; W. J. Newton, Norfolk, Va., \$25; Thos. Young, Jr., Bound Brook, N. J., \$50. Total, \$175. Previously reported from all sources, \$33,189. Grand total, \$33,364.
JOHN YOUNG, Secy.

CLUBS AND SOCIETIES

AMERICAN GLADIOLUS SOCIETY MEMBERSHIP DOUBLED SINCE JANUARY 1ST.

The campaign for new members which was begun recently by President Kunderd, of the American Gladiolus Society, is showing great results. Joseph J. Lane, who is chairman of the Membership Committee, reports that on May 1st, the Society was able to report more than double membership than that held on January 1st.

From all sections of the country, garden enthusiasts and gladiolus lovers are answering the call for membership. In the first twenty-two days of April there were over fifty members added to the roll. President Kunderd has offered a collection of gladiolus roots in a special circular he has sent out to those who join the Society before May 12th.

Inasmuch as the initiation fee has been waived for all those who join before June 1st, there is a decided saving in joining during the present month. Members receive monthly during the life of their membership the Flower Grower which contains much information not alone on gladiolus but on practically all phases of gardening. This is an invitation to all who read it to participate in the activities of the American Gladiolus Society.

In these days when so much destruction is taking place, it is but fitting and proper that an organization whose keynote is production and development should make tremendous expansion. The American people have a heritage of sentiment and love of flowers which is placed in the care of those who remain at home while our sons and brothers are away from our fire-sides. That love of beauty is spiritual food to many people, and certainly signifies a true citizen.

June first is the last day on which membership can be received without the initiation fee. Will you join us and participate in the big things which the American Gladiolus Society is accomplishing and on the way to accomplish for American horticulture? \$2.00 is the membership fee for one year. The Secretary is Professor A. C. Beal, of Cornell University, Ithaca, New York. Send your membership today and join hands in the great work.

SOCIETY OF AMERICAN FLORISTS

Department of Plant Registration

Public notice is hereby given that Lanternier Florist, Fort Wayne, Ind., submits for registration the new Fern described below:

Name—Anthony Wayne.

Description—Foliage similar to Nephrolepis exaltata Whitmani, but darker and less fringed. Growth

Meetings Next Week

Monday, May 6.

Bernardsville Horticultural Society, Horticultural Hall, Bernardsville, N. J.
Edgemoor Horticultural Society, Tite Hall, Edgemoor, N. J.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
Montreal Gardeners' and Florists' Club, Montreal, Canada.
New Bedford Horticultural Society, New Bedford, Mass.
Florists' Club of Washington, Washington, D. C.
Lind, O.

Tuesday, May 7.

Florists' and Gardeners' Club of Holyoke and Northampton, Mass.
Lake Geneva Gardeners' and Foremen's Association, Horticultural Hall, Lake Geneva, Wis.
Los Angeles County Horticultural Society, Los Angeles, Cal.
Paterson Floricultural Society, Y. M. C. A. Bldg., Paterson, N. J.
Florists' Club of Philadelphia, Philadelphia, Pa.
Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, Pittsburgh, Pa.

Wednesday, May 8.

Cincinnati Florists' Society, Jabez Elliott Flower Market, Cincinnati, O.
Dutchess County Horticultural Society, Falkkill Bldg., Poughkeepsie, N. Y.
Lenox Horticultural Society, Lenox, Mass.
Morris County Florists' and Gardeners' Society, Madison, N. J.
Nassau County Horticultural Society, Pembroke Hall, Glen Cove, N. Y.

Thursday, May 9.

Menlo Park Horticultural Society, Menlo Park, Calif.
New London Horticultural Society, Municipal Bldg., New London, Conn.

Friday, May 10.

Connecticut Horticultural Society, County Building, Hartford, Conn.
Westchester and Fairfield Horticultural Society, Dorans Hall, Greenwich, Conn.

Saturday, May 11.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

strong, similar to Bostoniensis, and strong plants up to 12 in. pot size are easily obtained without the bottom rot customary with Whitmani. Produces an abundance of runners in both bench and pots.

Any person objecting to this registration, or to the use of the proposed name is requested to communicate with the secretary at once. Failing to receive objections to the registration, the same will be made three weeks from this date.

JOHN YOUNG, Secy.

1170 Broadway, New York.

April 23, 1917.

Chas. H. Totty was the guest of the Gardeners' & Florists' Club of Baltimore on Monday, April 22, and addressed the meeting in Florists' Exchange Hall that evening, previous to which he has given a complimentary dinner in the Southern Hotel.

HORTICULTURAL SOCIETY OF NEW YORK

An exhibition of this society will be held on Saturday and Sunday, May 11th and 12th, in the Museum building, New York Botanical Garden, Bronx Park, N. Y. City. Premiums will be offered for collections of cut flowers of herbaceous plants, shrubs and trees, tulips, narcissus, snapdragons, and orchids; and for flowering plants of pelargonium and calceolaria. Special prizes may also be awarded to meritorious exhibits not provided for in the schedule. Schedules are now ready for distribution and may be had by application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, N. Y. City.

GEORGE V. NASH, Secy.

CLUB AND SOCIETY NOTES.

At a meeting of the Newport (R. I.) Horticultural Society last Tuesday it was decided to have an indoor flower show Wednesday, June 25, this being a change from the usual plan of the society's summer exhibition. A Red Cross booth where garden products will be sold will be a feature of the exhibition. William MacKay, gardener for H. A. C. Taylor, exhibited carnations and was awarded a cultural certificate. A committee was appointed to arrange a premium list for the war gardens to be planted this summer, the awards for which will be made at the time of the society's autumn show.

The annual meeting of the Western Seedsmen's Association was held at Kansas City, April 20. There was a good attendance. President H. A. Johns, of Sioux City, was prevented by illness from being present. It was voted inexpedient, under existing conditions, to issue general price lists, and that all sales should be at the market or by special quotation. All packet seeds will be advanced \$5 per thousand.

All officers were re-elected as follows: President, H. A. Johns, Sioux City, Ia.; vice-president, C. C. Massie, Minneapolis; secretary, H. P. Webster, Independence, Ia.; treasurer, H. G. Windheim, Omaha.

VEGETABLE FORCING

By Prof. R. L. Watts

Which has just come from the press. This book was produced in response to numberless inquiries for a practical up-to-date volume on the forcing of vegetables. In our judgment it is the most complete, final and authoritative work on forcing ever issued. The author of this intensely practical book has had a large experience in growing crops under glass. He gives clearly and concisely, complete instructions covering Greenhouse Construction, Soil, Preparation, Insects, Diseases, Marketing, Cropping System, and the growing of all of the most important Vegetable Forcing Crops. The book will be found equally valuable to amateurs and experienced gardeners.

Price Net \$2.00. For Sale by
HORTICULTURE PUBLISHING CO.
Boston, Mass.

BULBS PLANTED IN GRASS.

Obituary

Joseph Tailby

Joseph Tailby, widely known as a florist and hybridist for half a century, died at his home in Wellesley, Mass., on Thursday, April 26. He was seventy-six years old and his health had been failing as the result of an accident several years ago. Mr. Tailby was born in Leicestershire, England, and in 1864 came to America. After spending two years in Hoboken, N. J., in New York and Framingham, he settled in Wellesley and established business as a florist. He early became identified with the Massachusetts Horticultural Society as a member and exhibitor and came rapidly to the front as a skillful cultivator of flowers for the Boston trade, taking premiums frequently at the exhibitions for the products of his skill in growing and in hybridization. A fine cucumber, named Tailby's Hybrid, a cross between White Spine and one of the long English varieties, which he raised about forty-five years ago is still grown in this neighborhood. To the best of our knowledge Mr. Tailby held the distinction of having brought to Boston the first bloom ever seen here of the Marechal Niel rose, a variety which was destined to occupy a big place commercially in the flower market for many years.

But Joseph Tailby became best known to the florist trade of America through his raising and introduction of the Grace Wilder carnation in 1881, this being a variety without a peer in its day and the first really good commercial carnation of its color, and which was extensively grown everywhere. In the same year, Mr. Tailby introduced Fred Johnson, a light red carnation and Princess Louise, rose pink, and both of these had considerable local celebrity. More recently he produced a new race of hybrid yellow callas.

Joseph Tailby was a contemporary and associate with Harris, Atkinson, Sheppard, Comley, Norton, Wood, Edgar, Mathison, Grey, Galvin, Dawson and others who achieved wide renown and was almost the last living of that brilliant coterie of gardeners and florists who were the leading factors in placing Boston in her position of horticultural pre-eminence a generation ago. He was a man of genial and kindly impulses, at all times ready and willing to extend a friendly hand and give freely and unselfishly of his knowledge to help the young beginner in horticulture. Ever green be his memory.

He leaves a widow and two sons.

W. W. Simonds

William W. Simonds, long connected with the seed trade of Boston, died on Saturday, April 27, aged sixty-six years. Mr. Simonds' began his busi-



Yellow Trumpet Narcissus Naturalized in Grass

Our cover this week, also the illustration shown on this page, give but a faint idea of the beautiful scene presented each spring on the Bayard Thayer estate at Lancaster, Mass., when wide stretches of meadow and border land sparkle with myriads of narcissi in many types. This estate is probably the foremost in New Eng-

land in its floral and arboreal richness, its beauty and progressive character being jointly due to the floricultural taste and public spirit of Mrs. Thayer and the rare gardening proficiency of her superintendent, William Anderson. Throughout the entire year there is not a day when something noteworthy may not be seen at this interesting place.

ness career as book-keeper for the old seed firm of Hovey & Co., on North Market street, Boston. After the death of Chas. M. and Brown Hovey who constituted the firm, he and John Hovey took the business and carried it on, until the death of John Hovey, in Merchants Row and later in South Market street, after which Mr. Simonds assumed full charge and continued the business under the name of Hovey & Co. until now. He led a very reserved and secluded life, and had few intimacies in the seed trade. He leaves a widow but no children. Messrs. Webster of the Ames Plow & Implement Co., and Guérineau of T. J. Grey Co., were appointed to prepare resolutions on behalf of the Boston seed trade.

James E. Connor

James E. Connor, gardener for the past ten years for J. L. Houston, Coatesville, Pa., died on April 28th, of pneumonia. He was 48 years of age and was born and raised at West Grove, Pa. He was connected with the Dingee & Conrad Co. in his early days and was later in the florist business with his brother-in-law James A. Brown, Coatesville. He leaves a wife and two children. His older brother Dennis T. Connor is well known in the horticultural trade, having been in it all his life and since quitting the growing end has been associated with the Lord & Burnham Co.

M. J. Hannigan

Michael J. Hannigan, for the past eight years in business as a flower grower in Pikesville, near Baltimore, Md., died on April 19, after a brief illness with pneumonia. Previous to establishing in business Mr. Hannigan was superintendent of the private estate of A. H. Hoen and made a fine record as a skillful gardener. His age was 54 years. He leaves a widow, three sons and two daughters.

Conrad Hess

Conrad Hess, one of the old time Baltimore florists, located for many years on Friendship Ave., died on April 16, aged 76 years. He was born at Frankfort, Germany, and came to this country when a child with his parents, his father being a florist and market gardener. He leaves a widow.

Nancy Wilder Bigelow.

Pomologists generally will be interested to learn of the death of Mrs. Andrew Bigelow, of Southboro, Mass., daughter of the late Marshall P. Wilder. She died on April 15 at the "Old Homestead" on Washington street, Dorchester, Mass., aged 93 years.

Olneyville, R. I.—The greenhouses of Richard F. Higgins at 217 Academy avenue were entered Saturday night, April 20, and ribbon, valued at \$40 was stolen. When Mr. Higgins opened up Sunday morning the place was secured in the usual way and it is believed the thief gained an entrance by forcing a window sash.

"THE FLOWER: A SYMBOL OF TRIUMPH."

Address by Scudday Richardson at a Banquet Given to the Florist Soldiers in Camp near Houston, Texas, by the Florists' Club of that City.

"Now shall our brows be crowned with victorious wreaths
And all the clouds that o'er our house
did hover,
In the deep bosom of the ocean buried."
"A consummation," may we all say, "most
devotedly to be wished."
Victory is the national desire.

At a banquet to those whom we are delighted to honor—men who go forward from the ranks of the florists, nurserymen, seedsmen and landscape architects to the ranks of our great American Army—and whom it will be our pleasure, I believe, after a brilliant victory over the enemy, to see marching in triumph through our streets; at such a banquet, it may be appropriate to say something about the position that flowers have held, in all nations and in all ages, as symbols of victory and triumph.

It seems as if the Lord God, Blessed Be His Name, intended that the record of the fragrant flower—that delicate token of memory—should be preserved even after great nations and civilizations have crumbled into dust and most of their records have become a matter of pains-taking digging on the part of the archeologist; for we find among the ruins of ancient Egypt, Greece and Rome, where only vast columns are left standing to mark the places of once beautiful and lofty edifices, that all the devastations of the years have not erased the sculpture of fragrant flowers and leaves with which these ancients commemorated their prowess by carving into their temples and triumphed arches.

Today there are still standing some of the wonderful columns of the palace-temple of Amen-Ra at Karnac, Egypt. In magnificence, grandeur and majesty of execution, this structure is regarded by all the authorities on architecture as the grandest and finest structure ever erected by man. Its hypostyle hall, cunningly lighted, was so vast that a human being felt like an insect in it. This mighty structure was erected by the Pharaohs as a thank-offering to the Deity who had given them victory in battle. The distinctive feature of its great columns was the carved image of the delicate Lotus Bud of the Nile.

Alexander, the greatest general among the Greeks, always celebrated his victories by the profuse use of flowers. He and his men garlanded themselves with chaplets and danced on flowers. The architectural glories of Athens, in column and frieze, show how the most beautiful city of the Greeks regarded flowers as symbols commemorating its many successful battles. On the return from one of his victories, Alexander bought up all the flowers of the country and his men were actually showered with them for a three days' feast. Strange to say, Alexander, who was some winner of victory, gave to his soldiers, on this

POINSETTIAS



Poinsettia in 6 in. Pot.

It is now time to start up the old stock poinsettias. Cut them back and pot in small sized pots in good soil and with proper attention in a well-lighted place they will furnish cuttings in abundance. Cuttings may be struck any time now until midsummer according to the size of blooming stock required for Christmas, the early plants being the best for cut blooms.

occasion, all the wine that they could drink and girls to dance with, and Plutarch says that the gaiety and good humor engendered by this wine and by these girls enabled them to throw off a distemper from which they had been suffering. Of course, in these particularly pure and sober days that we now live in, we cannot but frown on such unseemly behavior. (Parenthetically, however, I wish to remark, and my language is plain, that I have actually heard horrible reports to the effect that even our American soldier is occasionally getting "his," both in respect to wine and girls. • • Some day we may have in authority men who will handle such matters in a common sense rather than in an up-in-the-air, idealistic manner.

Architectural authorities contend that Rome was lacking in refinement of detail in its structures, but they all admit that these structures, dominated as they were by the constant theme of the mighty Etruscan arch, were marked by great grandeur and magnificence. In the matter of columns, they took from the Grecians, modifying the Doric, Ionian and Corinthian orders to suit their own taste and fancy. Some think they improved upon the Corinthian order in the use of "the acanthus leaf divine," as one of the poets calls it, as a symbol of victory in their triumphal arches, flanked by these columns; but however this may be, they were profuse in the use of flowers for the decoration of the frieze. When they celebrated a victory, the path of the victor was strewn with flowers, and at their banquets, celebrating the event, not only were all guests garlanded with flowers, but there were flower boys and flower

girls serving the banquet, and the banquet hall was strewn with rose leaves. Just think of what a clinch it must have been to be a florist in those days! Who would not have been a florist in the days of ancient Rome? The Honorable Mr. C. J. Caesar got his flowers by the chariot load. (As an aside, I would remark that some people today seem to think that they have "something on" the gracious and clement Caesar because he was assassinated. However, the night before he was assassinated Julius said that he preferred a sudden death. He was a soldier, and the thought of death did not trouble him. Anyhow, even if he had not been assassinated, he would have been quite dead by this time.)

We have all heard of the Fleur-de-Lys, or Lily of France, for many years placed on the battle flags of the kings of France and carved into their monuments of triumph. It was adopted as an emblem of victory by Louis VII. According to the great authority, Nuttall, however, Fleur-de-Lys, or lily flower, is a corruption. It was first called Fleur-de-Louis, flower of Louis, then Fleur-de-Luce, then Fleur-de-Lys. It was not the lily which Louis adopted, but the Yellow Flag (*Irís pseudacorus*), for many centuries a symbol of power and majesty, the Egyptians placing it on the brow of the sphinx and on the sceptres of their kings.

So you can see that the modest, fragrant flowers which we all love and admire have been adopted throughout the centuries by emperors and kings as symbols of power, majesty and victory; and it strikes me that this great Republic when it wins victory, as we all feel sure it will, should adopt some symbol of its own might and triumph to be placed in the capitals of our columns and in the triumphal arches which may hereafter be erected. Why should we still use the capitals of ancient Greece and Rome when a little ingenuity may give up a capital of our own, decorated, say, with the stars we have taken from Heaven and placed on our flag and with the American Daisy or some distinctive flower that may readily lend itself to sculpture. No doubt our capable American architects will yet develop such a capital.

You brave soldier boys with us tonight will soon be going to the battle line of France to help win a victory for our flag and to let the world know that not in vain have we won, on many a hard-fought field, the title of being the unconquerable American. We are confident that the flag in your hands will always go forward and never be drooped in shame or defeat. It becomes us Americans to think always in terms of victory; to decide, with set jaws, that we must win. Let us show the world that so far as our flag is concerned we do not know what it is to go backward, but only forward. To quote an old saying: If we remain behind, we die; if we go forward, we die; let us go forward." But let me tell you, I firmly believe that this spirit—to conquer or to die—will result in a comparatively few of us dying. Let it be rather the enemy to die; for him the flowers of the funeral wreath, but for us the laurel crown of victory and the joyous flowers of triumph.

The Memorial Day Drive

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Eminently Fitting and D deservedly Popular are our Preserved Magnolia Leaves and Cycas Fronds. Also an infinite and beautiful variety of Wax Flowers and Wreaths and other artificial material appropriate for the occasion.

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The Florists' Supply House of America

1129 Arch Street, PHILADELPHIA, PA.

REFORESTATION.

We quote the following notes from a circular letter which has just been sent out by The Massachusetts Forestry Association.

Thousands of acres of woodland in this State have been cut over this year to meet the war demand for cordwood and lumber. Nearly all of this land is better adapted to growing trees than any other crop, and should be replanted at once. In many cases if it is not replanted to valuable species, it will soon be covered with weed trees such as grey birch, alder, scrub-oak, bird cherry and the like, which are of little or no commercial value and which will prevent valuable species from growing. We already have nearly 1,000,000 acres of such land which is producing nothing of value, and consequently practically nothing in taxes for the support of the Commonwealth. As a State we cannot afford to permit this condition to continue. It is de-

plorable that as one of the most densely populated States (430 persons per square mile) and one of the wealthiest, we should have a fifth of our area idle or waste land, and this area increasing yearly.

We are importing two-thirds of the lumber we use, and paying from two to three times what we paid for it fifteen to twenty years ago. This is bound to increase the cost of building and consequently to increase rentals and the cost of living. The only practical solution of the problem is reforestation to valuable species. With the shortage of labor at present, we should utilize all the available energy we have for this work. School children should learn how to plant trees. A few small trees planted by each pupil in the public schools especially in the rural sections would in the aggregate mean thousands of acres reforested each year. This is a time for action, and instead of the conventional Arbor Day exercises of song singing and speech making on the beauty of trees, let us teach the children the value of trees by having them do some planting.

We clip the following from the *Wellsville, N. Y., Reporter*:

Information on the home vegetable garden, but not the seeds for the garden, may be obtained from the state college of agriculture at Ithaca. Some gardeners seem to think that free government seeds are distributed from the college and write for them. The college does not furnish seed. Packets of seeds have been obtainable, however, from the department of agriculture at Washington by making application through the member of congress from the districts in which the applicant lives.

It is not wise, however, to depend on the seeds furnished by the government since the seeds are presumably of little-known varieties to be planted for experimental purposes. Thus they may be of a kind not desirable for the home garden. Further the amount of seed in each package is small. The object of the free distribution of seed, it is stated, is to introduce new kinds and types and to learn their merits when grown under various conditions.

The college believes, therefore, that the home gardener will do as well to purchase from a reliable seed house.

THE BARBERRY SCARE.

The information now being so generally distributed through the Department of Agriculture and the various State Experiment Stations, relative to barberry as a host of the destructive wheat smut in one of its stages, is certainly very misleading to the general reader. It should be very freely and persistently explained by the Horticultural Press, as well as other publications, that the barberry referred to is the tall type (*Berberis vulgaris*).

The Government and State Bulletins do expressly state that the Japanese Barberry (*Berberis thunbergii*), so universally valued over so an extended territory for ornamental purposes is not the mischief carrier, but is perfectly harmless. To the trade throughout the country who have been buying the new Box-Barberry so freely for propagating purposes, it will be good news to know that it is unquestionably a pure seedling of *Berberis thunbergii*, therefore equally harmless.

ELM CITY NURSERY CO.

New Haven, Conn.

CATALOGUE RECEIVED.

Glen Road Iris Garden, Wellesley Farms, Mass.—Catalogue and Price List of Iris Seedlings raised by Miss Grace Sturtevant. A very interesting list of about fifty named seedlings, many of which have won medals, certificates and honorable mention from the Massachusetts Horticultural Society.

LIST OF PATENTS

1,262,170. Weed Puller, Charles B. Russell, Seattle, Wash.

1,262,482. Weeding Implement. Henry W. Hales, Ridgewood, N. J.

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WESTERN NURSERYMEN
FLORISTS, SEEDSMEN

Contains alphabetical listings of available surplus stock, etc.
\$1.00 per year. Foreign \$1.50

THE HORTICULTURAL CATALOG
LOS ANGELES, CALIFORNIA

SEED TRADE

To Boost Philadelphia Market Garden Products.

At a combined meeting of the Seedsmen, Philadelphia Vegetable Growers' Association, the Booster's Club which is the Commission Men's Organization and the Jersey Growers at the Poor Richard Club, presided over by W. F. Therkildson, a committee of 12, 4 from the Philadelphia Vegetable Growers, 4 from the Boosters or Commission Men and 4 from the Jersey Growers, was appointed to undertake a campaign for increasing the use of vegetables, by exploiting their use through the papers, this advertising to be supplemented by information as to how to cook and prepare, editorial comment, etc., together with growers' and dealers' helps.

This was a very enthusiastic meeting and \$25,000 was immediately subscribed. This will probably be supplemented by \$25,000 more or a total of \$50,000 to be spent with the Philadelphia papers and through other mediums to increase the use of nearby grown vegetables. This is to offset the competition of the nationally advertised products that come into Philadelphia by the train loads, when, as a matter of fact, many of the best market growers in the world are located in close proximity to Philadelphia.

Chicago Seed Trade Notes.

The tracts of land used in Chicago last year for gardens will all be used again this year. The rain has prevented plowing and other preparation of the soil in many instances, and work interrupted on Easter day, when the cold wave overtook the gardeners, stands waiting. Chicago ground is a dead level and only warmth and a cessation of rain can put the lots in condition. Too many planted early last year and wasted the valuable seed, to repeat the mistake this year and the enthusiasm of the gardeners will be none the less because of enforced waiting for planting season. One of the local papers quotes a representative of a Chicago seed house as saying that the market gardeners have reduced their planting from 20 per cent to 25 per cent of that of last year. This he says is due to cost of seed and the fact that so many people are growing their own vegetables.

Seed Trade Notes.

To meet the shortage of seed corn in 14 of the large corn-producing States between now and June 8, the Federal Government, through the Bureau of Markets, has announced a special seed-reporting service which will assist local organizations and individuals in locating and distributing seed corn to farmers in these States.

Milford, Conn.—The Everett B. Clark Seed Co. has purchased property on West River street on which they propose to erect a two-story office building, probably of brick, which they will use entirely for the general offices of both the eastern and western departments, and which they ex-



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ANOTHER THOUSAND TONS
Of Our Celebrated
**South American Sheep
and Goat Manure**

This is unexcelled for top dressing any crop or mixing with the soil, or for use in solution. There is no safer or surer material to be had.

Write for prices and receive a supply while it lasts. It is difficult to obtain.

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Begonias Farquhar's Tuberous-Rooted

As Bedding Plants these are unsurpassed for brilliancy and richness of color.

Single Variety in six colors, \$1.00 per dozen; \$7.50 per 100.

Double and New Frilled Varieties. Prices on application.

R. & J. FARQUHAR & CO.,
6 South Market Street, Boston, Mass.

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

pect to be able to occupy in the fall. The Clark Seed Co. is among the largest seed concerns in the country, having offices in many western states, and handling the crops of about 30,000 acres. They have branch houses in Michigan, Wisconsin, Colorado, Idaho, Montana and Washington.

According to a communication received from Sluis & Groot, Enkhuizen, Holland, the outlook for the Holland seed trade with this country is very unpromising in consequence of war conditions and the infrequency of steamer sailings. They say that whenever there has been a little cargo space available the bulb and plant shippers have been given preference over the seed houses for the reason that the bulb and plant growers are considered

to be the most suffering part of the population. The Dutch government has placed an embargo, wholly or partially on some seeds, and culture regulations have greatly limited the area available for seed growing. The disorganized conditions now existing have even made it impossible to issue a catalogue this season and no basis can be reached on which to make contract offers for 1918-1919.

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SEEDSMEN
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Mitchell's Prize Mixture. An even blending of all colors.	\$0.60	\$1.00
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Asparagus Plumosus Nanus—1000 seeds, \$3.50; 5000 Seeds, \$15.00.
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Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White
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Snapdragon, Petunias, Verbenas, etc.
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This campaign will be resultful to the smallest as well as the largest floral establishment, and it behooves everyone, retailer, wholesaler, and grower alike to do their part in this our first campaign, and thereby show that florists are as keen to donate to a good cause for the florists generally, as they would be to receive business. Don't you think the big way is to do your share?

E. J. Lehman, the founder of "The Fair," Chicago's big retail store, had so little money when he started in business that he had to buy his first sign on the installment plan. He agreed to pay for it one dollar at a time as he could spare it from his business. One doesn't have to start big, to grow big. Your donation, however small, multiplied by a little from every florist, would give us a campaign fund big enough to create the necessary space required in our mag-

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azine advertising, to make the florists
throughout the land a recognized fac-
tor in their community. Will you help
the cause? Do it now, and send your
remittance to John Young, Secretary,
1170 Broadway, New York, who will
acknowledge it.

Henry Benn
National Publicity Campaign.

PERSONAL.

Asa C. Craig, proprietor of the
Portsmouth (N. H.) Flower Shop, is
reported seriously ill with pneumonia.

Fred H. Smith, florist, of Gorham,
Me., who has been very ill for the
past week, is improving and will soon
be fully recovered.

St. Paul, Minn.—Wm. E. Tricker has
resigned his position as superinten-
dent for Holm & Olson and bought
the long established place of E. F.
Lemke, taking possession on May 1.

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Deliveries to all points in New England.
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Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.
JOHN H. DUNLOP
8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America:
Orders for the TWIN CITIES and for all
Northwestern points given prompt at-
tention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

NEW SPHAGNUM MOSS

Extra Large Bales, \$2.50 each

There is economy in using new Moss. Let us fill your moss bin now.

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

TRY Horticulture's Advertisers FIRST

Before Looking Elsewhere

Tell Them You Did So And
They'll Reciprocate

EDWARD REID WHOLESALE FLORIST

1619 - 21 Ranstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

5 So. Mole St., PHILADELPHIA, PA.

GEORGE B. HART

WHOLESALE FLORIST

24 Stone St., Rochester, N. Y.

E. G. HILL CO.

Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS

Consignments Solicited

Hardy Fancy Fern Our Specialty

264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO



IF You Want Anything from Boston Get It From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON May 3		ST. LOUIS April 29		PHILA. April 29	
Roses						
Am. Beauty, Special	25.00	to 35.00	50.00	to 60.00	30.00	to 40.00
" " Fancy and Extra	12.00	to 20.00	30.00	to 40.00	15.00	to 25.00
" " No. 1 and culls	2.00	to 6.00	5.00	to 15.00	4.00	to 12.00
Russell, Euler, Mock	1.00	to 10.00	5.00	to 15.00	3.00	to 20.00
Hadley	1.00	to 10.00	5.00	to 10.00	3.00	to 15.00
Arenberg, Hoosier Beauty	1.00	to 10.00	5.00	to 8.00	2.00	to 12.00
Ward	1.00	to 6.00	3.00	to 5.00	2.00	to 6.00
Killarney, Radiance, Taft	1.00	to 6.00	3.00	to 6.00	2.00	to 10.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	4.00	to 10.00	2.00	to 10.00
Carnations	1.00	to 3.00	4.00	to 5.00	1.00	to 3.00
Cattleyas	25.00	to 50.00	50.00	to 50.00	35.00	to 50.00
Lilies, Longiflorum	4.00	to 8.00	12.50	to 12.50	6.00	to 8.00
Lilies, Speciosum	3.00	to 6.00	12.50	to 12.50	3.00	to 4.00
Iris	4.00	to 10.00	12.50	to 12.50	4.00	to 6.00
Callas	6.00	to 8.00	10.00	to 12.50	6.00	to 8.00
Lily of the Valley	6.00	to 8.00	8.00	to 8.00	4.00	to 6.00
Snapdragon	3.00	to 8.00	4.00	to 4.00	3.00	to 8.00
Glaadioli	5.00	to 8.00	10.00	to 10.00	5.00	to 8.00
Pans es	2.50	to 5.00	3.00	to 3.00	2.50	to 5.00
Freesia	1.00	to 1.00	1.00	to 1.00	1.00	to 1.00
Narcis, Paper White	1.00	to 1.00	1.00	to 1.00	1.00	to 1.00
Roman Hyacinths	1.00	to 1.00	1.00	to 1.00	1.00	to 1.00
Daffodils	1.00	to 2.00	1.00	to .75	2.00	to 3.00
Tulips	1.00	to 3.00	2.00	to 4.00	2.00	to 3.00
Calendula	.50	to 2.00	1.00	to 2.00	1.00	to 3.00
Stocks	1.00	to 3.00	1.00	to 1.00	1.50	to 4.00
Wall Flowers	1.00	to 2.00	1.00	to 1.00	1.00	to 1.00
Mignonette	2.00	to 4.00	1.00	to 1.00	1.50	to 3.00
Sweet Peas	.15	to 1.00	.30	to .75	.40	to 1.00
Marguerites	1.00	to 3.00	1.00	to .75	.40	to 1.00
Gardenias	15.00	to 25.00	1.00	to 1.00	1.00	to 15.00
Adiantum	1.00	to 1.25	1.00	to 1.00	1.00	to 1.00
Smilax	25.00	to 40.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (200 Bchs.)	35.00	to 50.00	25.00	to 35.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

ROBERT DYSART

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
BOOKS BALANCED AND ADJUSTED
40 STATE ST. BOSTON
Telephone Main 28.

Boston Floral Supply Co.

247-257 Cambridge St., Boston

Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

Flower Market Reports

A very dull week has **BOSTON** been passed by the growers and market dealers. The wholesale shipping houses are doing better, a fair call being had from points more or less distant and this is all that keeps the market from a disastrous slump. As it is, much material is unloaded at minimum prices and the maximum figures quoted in our weekly market table are received only for special quality goods in small lots. There are still a good many bulbous flowers in evidence, especially daffodils. Spanish iris is at its high tide and snapdragon is in quantity more than enough. Carnations and roses "hang fire" most disconsolately, white carnations being particularly abundant, not always first class, and consequently depressed in "asking" price, with "taking" price still lower. Sweet peas have fallen off in quality. Smilax is very scarce and brings the highest price in years.

The gradual lessening of **CHICAGO** the amount of stock coming into the market is nearing the acute stage at this writing. Continued cold weather since Easter, and rain almost a daily occurrence, have reduced the cuts till the supply is hardly up to the demand and prices have advanced accordingly. Carnations would bring in the dollars now if only the growers had them to cut. A few good Darwin tulips are still coming and bring 5 and 6 cents. Roses are sharing the general shortage and it looks now as if Mothers' Day would not find any kind of stock plentiful. There are some fine sweet peas and daisies offered but miscellaneous stock in general is limited.

As Mothers' Day approaches the daily **CINCINNATI** supply of roses in this market has been decreasing, due to growers beginning to hold back for that day and in part to inclement weather. Business is good and is taking up most of the receipts in a hurry. Carnations are in a fair supply, but not as plentiful as they were a fortnight ago. The lily supply has shortened greatly. Those that come in sell readily. Callas also find a good market. Sweet peas contain fewer choice long blooms than a fortnight ago. Other offerings include some excellent snapdragon, poeticus narcissus, pansies and lily of the valley.

The wholesale market here this week is in a very poor condition for all concerned. Lily of the valley is moving briskly, Spanish iris sells well, and smilax is short of the demand. Otherwise the market is overloaded with flowers for which there is a very weak call. This includes roses, carnations, daisies, calendulas, snapdragons, sweet peas, pansies and outdoor tulips. Retail stores in all sections report business quiet.



Spanish Iris

YELLOW, WHITE and LAVENDER

Well grown stock it is, in quantity at

\$4.00, \$6.00 and \$8.00 per 100

Everything in Cut Flowers, Greens, Ribbons & Supplies

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.
WASHINGTON, 1216 H. St., N. W.

BALTIMORE
Franklin & St. Paul Sts.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI April 28		CHICAGO April 29		BUFFALO April 29		PITTSBURG April 29	
Roses								
Am. Beauty, Special	40.00	to 50.00	50.00	to 75.00	30.00	to 40.00	30.00	to 40.00
" " Fancy and Extra	25.00	to 35.00	35.00	to 50.00	20.00	to 30.00	15.00	to 25.00
" " No. 1 and culls	8.00	to 15.00	8.00	to 20.00	3.00	to 15.00	5.00	to 12.50
Russell, Euler, Mock	6.00	to 15.00	5.00	to 25.00	3.00	to 8.00	10.00	to 25.00
Hadley	6.00	to 15.00	.....	.....	5.00	to 10.00	.....	.....
Arenberg, Hoosier Beauty	5.00	to 12.00	5.00	to 12.00	4.00	to 8.00	.....	.....
Ward	4.00	to 8.00	5.00	to 12.00	3.00	to 6.00	4.00	to 12.00
Killarney, Radiance, Taft	3.00	to 8.00	5.00	to 12.00	3.00	to 8.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon	4.00	to 10.00	6.00	to 15.00	3.00	to 10.00	4.00	to 12.00
Carnations	3.00	to 4.00	4.00	to 5.00	2.00	to 3.00	.....	.....
Cattleyas	50.00	to 60.00	50.00	to 60.00	40.00	to 50.00	60.00	to 75.00
Lilies, Longiflorum	10.00	to 12.00	8.00	to 12.00	8.00	to 12.00	12.00	to 15.00
Lilies, Speciosum	.....	.....	.....	.....	4.00	to 6.00	.....	.....
Callas	8.00	to 10.00	.....	.....	6.00	to 8.00	6.00	to 10.00
Lily of the Valley	.....	.....	.....	.....	6.00	to 12.00	12.00	to 15.00
Snapdragon	6.00	to 12.00	8.00	to 12.00	4.00	to 10.00	6.00	to 12.00
Gladioli	.....	.....	.....	.....	8.00	to 10.00	.....	.....
Pansies	.....	.....	1.00	to 1.25	1.00	to 1.50	.....	.....
Freesia	.....	.....	.....	.....	1.00	to 3.00	2.00	to 4.00
Narcis, Paper White	.....	.....	.....	.....	.....	.....	.....	.....
Roman Hyacinths	.....	.....	.....	.....	.....	.....	.....	.....
Daffodils	1.00	to 3.00	2.00	to 3.00	1.00	to 2.00	2.00	to 3.00
Tulips	2.00	to 4.00	5.00	to 6.00	1.00	to 2.00	3.00	to 4.00
Calendula	2.00	to 3.00	2.00	to 4.00	2.00	to 3.00	1.00	to 2.00
Stocks	2.00	to 4.00	3.00	to 5.00	3.00	to 4.00	.....	.....
Wall Flowers	2.00	to 3.00	.....	.....	.....	.....	1.00	to 3.00
Mignonette	4.00	to 6.00	.....	.....	2.00	to 4.00	3.00	to 4.00
Sweet Peas	1.50	to 2.00	1.00	to 2.00	1.00	to 1.50	1.50	to 2.00
Marguerites	1.00	to 1.50	1.00	to 2.00	1.00	to 1.50	2.00	to 3.00
Gardenias	.....	.....	.....	.....	15.00	to 25.00	.....	.....
Adiantum	.....	.....	1.00	to 1.25	1.00	to 1.25	1.00	to 1.50
Smilax	15.00	to 20.00	12.00	to 25.00	15.00	to 20.00	20.00	to 25.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	50.00	to 75.00

Carnations went **PHILADELPHIA** pretty well last week. They were in fair supply and of excellent quality and the demand was good. Some colors were really on the scarce side at times, especially reds and crimsons. Roses also kept on an even keel and prices held up to normal, with Beauties a little in advance of previous quotations. Gardenias and snapdragon very draggy. Sweet peas on the wane. Some of the crack growers, who have been sending in fancies, are pretty well cut out. Still there is a good supply of good quality and they meet

with ready sale at moderate prices. The glut of lilies has abated a little. Rubrum lilies continue fine and are in good demand. Spanish iris is a strong feature.

With the exception **PITTSBURGH** of greens, practically all marketable products continue scarce, each day seeing a clean sweep along all lines. Smilax is the one exception in the way of greens which is not plentiful. Very good roses are coming in from eastern Penna, also very satisfactory carnations. Home roses and carnations

(Continued on page 447)

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 38th St., NEW YORK
Telephones: 3300, 3301, Madison Square.

WM. P. FORD

Wholesale Florist
107 W. 26th Street, NEW YORK

Telephone 5335, Farragut.
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments Solicited
Phone Farragut 4336

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Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building
Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.
Wholesale Commission
READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT

WHOLESALE FLORIST

109 WEST 28th ST

CONSIGNMENTS SOLICITED

PHONE 608 / FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 / 3059 FARRAGUT 131 West 28th St., NEW YORK CITY

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 12-8510 Madison Square
MAURICE L. GLASS, Treasurer Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

	Last Part of Week ending Apr. 27 1918		First Part of Week beginning Apr. 29 1918	
American Beauty, Special	10.00	to 30.00	10.00	to 25.00
" " Fancy and Extra	8.00	to 25.00	6.00	to 15.00
" " No. 1 and culls	1.00	to 4.00	1.00	to 4.00
Russell, Euler, Mock	1.00	to 8.00	2.00	to 15.00
Hadley	2.00	to 35.00	9.00	to 25.00
Arenberg, Hoosier Beauty	1.00	to 6.00	1.00	to 10.00
Ward	1.00	to 6.00	1.00	to 8.00
Killarney, Radiance, Taft	1.00	to 6.00	1.00	to 6.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	1.00	to 8.00
Key	1.00	to 8.00	1.00	to 8.00
Carnations	1.00	to 2.50	1.00	to 2.50

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York
Telephone—5632-3533 Madison Square

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755 FARRAGUT NEW YORK

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5891.

Frank H. Traendly Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 8th Avenue, Between 26th and 27th Sts., New York

Telephones: 197, 798, 799 Farragut

Consignments Solicited

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
BROOK BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 445)

have by no means been coming in as they should. Exceptionally fine home-grown snapdragon is now coming in. Sweet peas are still holding their own. The Retail Florists' Association of the Pittsburgh District is about to put on a big Mothers' Day advertising campaign, which, it is expected will bring the best of returns, that is, saying there are enough flowers to supply the demand which now is looked for.

Business has been very good for the past week. There are still a lot of tulips, daffodils and narcissi, but the quality is poor. There are also great quantities of callas and Harrisii lilies. Roses, too, are very plentiful and prices have been much lower. Sweet peas are very fine. Carnations are showing the effects of spring weather, being smaller and poorer. Some very good cut pansies are on the market. There are very few flowering plants to be had, although the hydrangea is a good seller. Cornflowers sell well. The supply of hardy ferns and asparagus is very poor.

Market values, owing to inclement weather, have stiffened greatly. The outlook, with present weather conditions and limited coal supply, seems to indicate scarcity and increasing prices. Lilac is about done and of other outdoor flowers the supply will not be heavy. Mothers' Day will suffer as prices quite out of the ordinary are asked by the wholesalers, and no one is to be blamed but those who seek to control the market.

BUSINESS TROUBLES.

In the District Court of the United States for the Eastern District of Tennessee, in Bankruptcy.

To the creditors of C. W. Crouch Company, of Knoxville, in the county of Knox, and district aforesaid, a bankrupt:

Notice is hereby given that on March, A. D. 1918, the said C. W. Crouch Company was duly adjudged bankrupt, and that the first meeting of his creditors will be held at the United States court room in Knoxville, Tennessee, on May 2, A. D. 1918, at 9 o'clock in the forenoon, at which time said creditors may attend, prove their claims, appoint a trustee, examine the bankrupt, and transact such other business as may properly come before said meeting.

W. J. DONALDSON,
Referee in Bankruptcy.

A voluntary petition in bankruptcy was filed in the United States District Court on April 24, by Wilbur N. Baumann, a florist, of Rahway, N. J. His schedule showed assets of \$462.50 and liabilities of \$4,605.53. The petition was referred to Referee De Coster.

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"
ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3084

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending Apr. 27 1918		First Part of Week beginning Apr. 29 1918	
Cattleyas	25.00	to 50.00	15.00	to 40.00
Lilies, Longiflorum	3.00	to 5.00	2.00	to 4.00
Lilies, Speciosum	2.00	to 5.00	2.00	to 4.00
Iris	4.00	to 10.00	4.00	to 10.00
Callas	6.00	to 8.00	6.00	to 10.00
Lily of the Valley	2.00	to 5.00	1.00	to 6.00
Snapdragon	2.00	to 8.00	2.00	to 6.00
Gladioli	.....	.....	2.00	to 8.00
Pansies	.50	to 1.00	.25	to .50
Freesia	1.00	to 2.00	1.00	to 2.00
Narcis, Paper White	.75	to 1.50	1.00	to 3.00
Roman Hyacinths	1.00	to 2.00	.....	.....
Daffodils	1.00	to 2.00	.25	to 1.50
Tulips	1.00	to 6.00	1.00	to 2.00
Calendula	1.00	to 3.00	1.00	to 2.00
Stocks	2.00	to 2.00	.25	to 1.00
Wall Flowers	1.00	to 2.00	.....	.....
Mignonette	1.00	to 3.00	.....	.....
Sweet Peas	.95	to 1.50	.25	to 1.00
Marguerites	.50	to 2.00	.35	to 1.50
Gardenias	8.00	to 25.00	4.00	to 15.00
Adiantum	.25	to 1.00	.50	to 1.00
Smilax	15.00	to 20.00	10.00	to 15.00
Asparagus Plumosus, & Spreng (100 bunches)	20.00	to 30.00	8.00	to 20.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

YOUR NEXT DUTY.

Have you bought your Liberty Bond? Can you imagine the dissatisfaction that would come over you if you were not permitted to participate in their purchase? Well, that's the way some of the florists are going to feel when OUR campaign is on in full swing.

Are you one of the type who want to let the others do what is now your privilege and should be your pleasure?

Will you do your duty and be a party to the best campaign the florists have ever had?

Just send your check to John Young, 1170 Broadway, New York, and get the same feeling as you did when you bought the Liberty Bond. The first duty to your country, and the next to the Publicity Campaign.

HENRY PENN.

National Publicity Campaign.

Cincinnati.—Sam Zoellner, of L. F. Murphy's place, is now with the colors. He left last Friday with this city's quota for Camp Sherman.

Herbert Thaden was injured in an aeroplane accident recently. From present reports his injuries consist only of some bruises and scratches. His mother has gone to camp to visit him.

Visitors' Register

Montreal, Canada—Patrick Welch, Boston.

Philadelphia—Louis A. Baker, Allentown, Pa.; A. B. Kleinhans, Easton, Pa.

Pittsburgh—Mr. Griffith, representing the I. S. Crall Greenhouse Co., Monongahela, Pa.

New York—T. P. Langhams and Leon Bergman, Pittsburgh Cut Flower Co., Pittsburgh, Pa.

Cincinnati—Jos. Hill and H. C. Thomas, Richmond, Ind.; J. W. Rodgers and F. Reiniger, Dayton, Ohio; Bernard Dudley, Parkersburg, W. Va.; Mrs. Buck, Washington C. H., Ohio; Mr. Jansen, Washington C. H., Ohio; G. N. Moore, Wilmington, Ohio, and Jos. Marks, repr. Henderson & Co., Chicago, Ill.

Chicago—Walter Mott repr. Benj. Hammond, Beacon, N. Y.; J. A. Peterson, Cincinnati, Ohio; Frank G. Goodman, of Kemble & Goodman, Mason City, Iowa; Paul Berkowitz, representing H. Bayersdorfer & Co., Phila.; F. C. W. Brown of the J. M. Gasser Co., Cleveland, Ohio; W. H. Demmler of O. R. Demmler, Eau Claire, Wis.; John Owens, Gary, Ind.

LOCAL AND GENERAL NEWS

CHICAGO.

The unusual spectacle of falling snow was seen April 30th.

Guy French was called home from Montana by the death of Mrs. John Poehlmann, who was a sister of Mrs. French.

Business changes due to coal shortage have resulted in the giving up of a downtown store by Sinner Bros. Miss Gunterberg, who also occupied the store at 158 N. Wabash, will find quarters elsewhere.

Responding to the call to his country's service, B. J. Delinke, at 3802 Chicago avenue, will close his store, selling what he can and storing the rest of his stock, and will enter the naval training school for officers on the Municipal Pier in Chicago.

Frank Woelz of 2422 Winnemac avenue, a recent employee of Nelson Swain & Sons Nursery Co. was found dead between Wabash and Michigan avenues, near Lake street, Sunday. He was out of a position and is supposed to have become despondent.

"Better save some coal in your furnace and put money into flowers" was the advice in a well written article in a local paper, under the heading "Encourage the Florist." The trade has suffered so much from the newspapers the past year that it is pleasant to note that the article was not in fine print in an obscure position, but in large type and in a most conspicuous place.

Chicago florists learned with much regret of the order by the fuel administration, to curtail by 50 per cent. the consumption of fuel by greenhouses. After the hard struggle of the past winter, many had looked forward to a more plentiful supply of fuel for next winter, and this announcement comes as a severe blow. In the discussion of the subject, however, there are those who are hopeful of another and more favorable ruling before long.

Allie Zech of Zech & Mann says the advance orders for Mothers' Day are coming in rapidly, but it is a question how many to place on the order book, because of the uncertain weather conditions, which have been very unfavorable for several weeks. At this store was noted some of the finest forget-me-nots of the season. They had large flowers and the stems were long and heavy, with plenty of foliage. Zech & Mann's is getting to be one of the foremost shipping houses in the city.

The funeral of Mrs. John Poehlmann, whose death was announced in last week's issue, was held Friday, April 26th, at the family residence. The deceased, a beautiful woman and one who had many lovely qualities, never looked more beautiful than as she lay in a perfect bower of roses and orchids. It was a particularly touching funeral, as it recalled so vividly the passing of her husband less than two years ago, and at whose

services the same pastor, an old friend, presided. Interment was at Grace-land.

In the description of the flower pictures by Miss Key, on exhibition at the Art Institute, a tribute is paid to the gardeners by Eleanor Jewett. "Men they are, in shirt sleeves and dirt daubed trousers. Their brush is the pruning knife, their palette the earth itself, and their beautiful pictures the plants with which the greenhouse overflows. Canvas versus soil, art versus nature. But beauty is in both and beauty needs no argument for or against. Between the results of the artist and the results of the gardeners who will choose?"

PITTSBURGH.

J. W. Glenn of Kittanning, Pa., has been seriously ill for the past week or two.

Albert Niggel, formerly an employee of George E. Hallam, has gone to Boston on a "prospecting" trip.

Fred Burki and family have returned from a several months' tour of Oregon, Washington and California.

John Strayer has just closed two fine contracts for the landscape department of the A. W. Smith Company.

William T. Ussinger, traveling salesman for the Pittsburgh Cut Flower Co., has enlisted and gone to Camp Lee, Richmond, Va.

Earl Hinkle, a salesman for the McCallum Company, has convalesced sufficiently from an attack of influenza to return to business.

The A. W. Smith Co. now has on exhibition a fine Aquarium display under the direction of Joseph A. Koenig, who has charge of outside decorative work.

Thomas Kettiher, formerly an attaché of the McCallum Company, has been seriously ill with pneumonia at Camp Lee. Carl Brand, an accountant for the same firm, has been confined at home with an attack of measles.

Corporal Hiram A. Frishkorn returned on last Monday evening to Camp Lee, Va., following a brief business trip in Pittsburgh. Young Frishkorn was formerly a salesman for the Beckert Seed Co. of which his father, Augustus Frishkorn, is manager.

After ten years' service, Louis Biehl has resigned as salesman for the E. C. Ludwig Co. to enter the employ of the Westinghouse Company. Miss Gertrude Renzihausen, who was also long with the Ludwig Floral Co. has gone into other work. She is succeeded by Mrs. Samuel M. Jackson.

A letter received from Clarke E. Stiles tells of his having been in a hospital in France for a month, as a result of measles. Mr. Stiles, who is a Philadelphian, was for several years on the landscape staff of the A. W. Smith Co., from which he resigned to enlist with an Engineering Corps.

BOSTON.

Among the marriage intentions published April 30th we find the following: "Neil S. Casey, 48, florist, Melrose, and Cornelia J. King, 48, 14 Cameron street, Dorchester, divorced."

Prof. A. G. Hecht of Amherst Agricultural College is scheduled to speak at the Gardeners' and Florists' Club meeting on Tuesday evening, May 21, on Herbaceous Perennials.

Fire, believed to have been set by children, did damage estimated at \$1,500 to a large wagon shed and contents owned by the Breck-Robinson Nursery Company, off Woburn street, in Lexington, on April 29.

Mayor Peters, in keeping with other mayors, observed Arbor Day last Saturday. Acting under his orders, the park and recreation department planted six elm trees on Liberty Mall. In the course of the exercises of planting the trees Mayor Peters said:

J. Walter Howard of Somerville, was severely injured in an automobile accident at Brookline on April 17. His chauffeur and three other employees were also hurt more or less. They were returning from putting up a wedding decoration in Brookline. Mr. Howard fractured several ribs and sustained other painful injuries.

"It is especially significant that Liberty Mall was selected, the thoroughfare where Bostonians in civil life are striving to their utmost to uphold their Government in the war by subscribing for bonds of the past and present issue." Four trees were also planted on Commonwealth avenue between Massachusetts avenue and Charlesgate.

On the evening of May 2 Horticultural Hall will be the scene of a patriotic rally of all who are members of the Suffolk Home Garden Club, all who are interested in joining and all who are already home gardeners. The Massachusetts Horticultural Society has prepared a large educational exhibit of home gardening, which at this time is of greatest interest to those who would make their gardens—large or small—most productive. Governor McCall, William Leslie French of Washington, H. B. Endicott and Dr. Harris Kennedy of the Massachusetts Horticultural Society will speak. P. A. O'Connell will preside and Colonel Roosevelt's acceptance of an invitation to be present is expected at any moment.

Philadelphia.—There will be a Rose Show in Lansdowne, June 5th in the hall of the Century Club. This event has become well-known as one of the most important of the suburban exhibitions, and this year's show is expected to be fully equal to reputation. Samuel S. Pennock is the president of the association this year. A cordial invitation is extended to all, both amateur and professional. There is no entrance fee. Exhibits will also be very welcome. Send something.



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ROCHESTER, N. Y.

The lady florists met at the Red Cross House this week and worked on sheets and pillow cases, compresses, etc.

Karl Voelker of the Arcadia Flower Shop of Pittsburgh, Pa., has joined the aviation of Rochester, N. Y., at the Eastman School of Aerial Photography.

Walter Salmon of Brighton has turned his range of glass into a vegetable hot house and is growing cucumber, radish and lettuce in place of flowers.

Hiram E. Wilson, one of Rochester's oldest florists, and Mrs. Wilson, celebrated April 30 at the home of their son, Hiram W. Wilson, their golden wedding anniversary by an informal reception from 3 to 5 p. m. and for young people in the evening from 7 to 9. Mr. and Mrs. Wilson are very active in their advanced age.

ST. LOUIS.

Newcastle, Ind., growers are shipping some nice rose stock here.

We are glad to report that George Waldbart will now be able to get around and once more attend to business.

One of the happiest men on the market was Edward P. Cizkowski who was married April 30th to Miss Anna Mitalski, one of the prettiest young ladies in the city. There were four bridesmaids who carried roses and two flower girls. The bride carried a huge shower bouquet of lily of the valley.

WANTS, FOR SALE, Etc.

HELP WANTED

WANTED—At once, a sober, reliable man in a retail place of about 8,000 sq. ft. of glass. Address GEO. E. FELCH, Florist, Ayer, Mass.

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WANTED: A gardener as second man to work in a commercial place. Hours, 7.30-5.00. Wages, \$3.00 per day. Half-day off Saturday in summer months. F. E. PALMER, INC., 220 Washington St., Brookline, Mass.

SITUATIONS WANTED

SITUATION WANTED—Gardener head, American, married, no children, wide experience in all branches horticulture and agriculture; highly recommended. MACKY, 329 W. 24th St., N. Y. City.

WANTED—An all around man for Carnation section and general line of stock. Wages \$25.00 per week. Also young man willing to learn all branches of the trade: \$18.00 per week. Must be good workers. State full particulars in first letter. P. M. OLM, Bath, Maine.

NEWS NOTES.

Darien, Conn.—Claiming that his land is damaged, Conrad W. Wegner, who runs a small florists place in this town, has brought his case to trial in the Superior court. It seems that Wegner's place is much lower than the roadway of Linden and Noroton avenues. When the town fixed up these highways water worked into Wegner's land and building. He insists that the improvements are responsible. The town denies and says the lay of the land accounts for the trouble.

Houston, Texas.—In connection with the new company that organized in Houston for the purpose of growing cut flowers and plants for the wholesale market, Mr. Kerr advises us that many seem to think that he has incorporated his retail business, which is not the case. This will continue to be owned by him as proprietor and will not be taken into the company. They expect to proceed along conservative lines, growing only such

crops as have already been demonstrated to be a success in this community. They will specialize on roses, chrysanthemums, Easter lilies and ferns under glass, having about 55,000 square feet all told. In addition they expect to put up 160,000 square feet of lath house and 150,000 square feet of cold frames. They will add to this from time to time, as experiments justify. The capital stock will be \$35,000.

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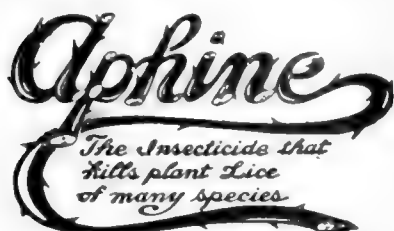
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PUBLICATIONS RECEIVED.

The Brooklyn N. Y., Botanical Garden has sent out a 14-page "Leaflet," No. 2 of Series VI on "Environment, Variation and the Laws of Heredity," by Orlando E. White. It is a very thoughtful paper, in language intelligible to the layman, and deeply interesting on this important scientific subject. There are four pages of illustrations. The publication is under the auspices of the Brooklyn Institute of Arts and Sciences.

Grow a Vegetable Garden.—This is the title of a booklet just published by the International Harvester Company of New Jersey, Agricultural Extension Department. It contains suggestions for all kinds of garden work, preparing soil, planting, cultivating, seeds, insects, diseases, storage, community and school gardens, a fund of information about foods, their production and conservation. Its educational usefulness for the home gardener is of the highest degree. It is finely illustrated and there is a comprehensive vegetable garden chart of especial value.

The Mystery of the Red Flame. By George Barton, author of "The World's Greatest Military Spies and Secret Service Agents." The Page Company, Boston, publishers.—Not particularly horticultural, but the heroine provides the hero in the hospital with a daily bunch of American Beauty roses and that "lets it by." It is a story of smuggling tricks, mystery, intrigues and secret service detective work, romantically interwoven with a love story which reads like a fiction founded on fact. It is mildly tragic without excessive sensationalism, and one who starts to read it will stay in the game until the last chapter. The price is net \$1.35.

Providence, R. I.—Abraham Lippman, proprietor of the flower stand in the lobby of the Crown Hotel, was tried before Judge Gorham in the Sixth District Court, on the charge of having employed Miss Mary Healey for more than 10 hours with a 24-hour period on Saturday, March 30. He was adjudged guilty, fined \$20 and costs and claimed an appeal. The complaint was brought by Chief Factory Inspector J. Ellery Hudson. Miss Healey testified that she was employed as bookkeeper and that on Saturday, the day before Easter, she did not get through work until 11 o'clock in the evening. Lippman testified that his place was closed at 9 o'clock that evening.



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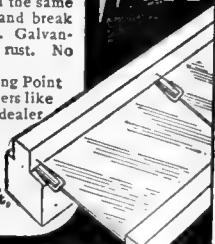


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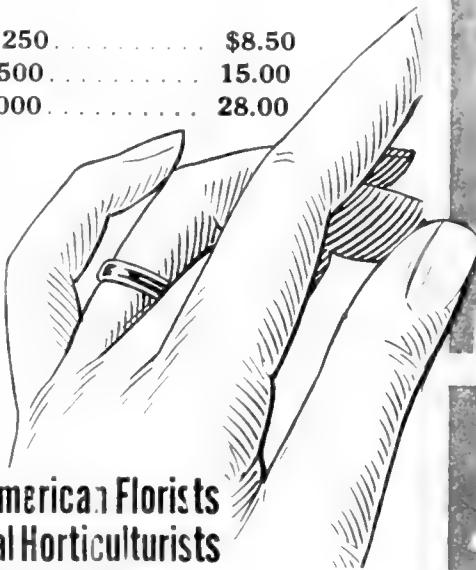
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HORTICULTURE

Vol. XXVII

MAY 11, 1918

No. 19



Tropical Scenery

View in the Botanical Garden at Buitenzorg, Java. *Victoria regia* in foreground. Bamboos appear in the distance. These with palms, luxuriant tree ferns, gigantic rubber trees and rampant climbers are characteristic flora of the Dutch East Indies. The famous Botanical Garden is the predominant feature of interest in Buitenzorg.

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Springtime Roadsides



Along the Woodland Brook Just as the Snow is Disappearing



The Country Road in Early Springtime Where the Automobiles do not venture

Everybody has grown accustomed to the automobile and in fact feels it indispensable. Doubtless a good many persons are cognizant of the fact, however, that there is no gain without some loss. In early spring time, especially while the country roads are in poor condition, the man who rides in an automobile sees the poorest part of the landscape. Back along the country roads and in the woods the trilliums, mayflowers, violets and spring beauties are coming out, but along the state roads we very seldom see such choice gifts of nature.

Everyone who is a botanist or has any love for flowers ought to leave the automobile occasionally at home and take a tramp, especially at this time of the year, along the back lanes, the brook-sides and into the deepest woods. We are all of us in danger of forgetting the source of our inspiration and our garden materials.

Frank A. Waugh

Amherst, Mass.

ARNOLD ARBORETUM BULLETIN.

The Winter Damage.

The winter of 1917-18 has been one of the severest in New England of which there is any record. In December when the ground was without a covering of snow the thermometer did not rise here from above zero for nearly a week with a minimum of 17 degrees below. There was little snow at any time during the winter, and the ground, which froze to a depth of from five to seven feet, was not clear of frost until after the first of April. Abundant rains late in the summer and in the early autumn, and the fact that the cold has been continuous through the winter, without periods of warm weather, which in this region often excite dangerous vegetable activity, have enabled many plants to survive the extreme cold which under less favorable conditions would probably have destroyed them. Still it seems safe to predict that any tree or shrub which has lived here through the past winter will be able to resist successfully a Massachusetts winter. The condition of plants in the Arboretum at this time is of general interest therefore as an indication of the trees and shrubs of recent introduction which can be successfully grown in this climate. It must, however, be remembered that local conditions, that is conditions of soil, position, moisture and dryness influence the hardiness of plants, and that a tree which succeeds in the Arboretum might not be hardy in another garden in the same general region.

The conifers which have been killed are the glaucous-leaved Mt. Atlas Cedar (*Cedrus atlantica glauca*) which has been kept alive here for several years in a protected position; young plants of the Spanish Fir (*Abies Pinsapo*) which has been killed before in the Arboretum; *Abies magnifica* of the California Sierra Nevada; *Abies cephalonica* var. *appolinis* from the mountains of Greece; *Picea Sargentiana*, one of the new spruces from western China, and nearly every plant in a large collection of the short-leaved pine of the eastern United States (*Pinus echinata*). These pines were raised at the Arboretum twenty years ago from seeds gathered on Staten Island, New York, the northern limit of the range of this tree, and appeared to be perfectly hardy until this year. On several conifers the buds are uninjured and are beginning to swell, although the leaves have been more or less browned by the cold and will soon fall. Conifers injured in this way will probably recover, although their growth for the year will be necessarily checked. Among the trees with injured leaves and uninjured buds are the Cedars of Lebanon from the Anti-Taurus in Asia Minor which have been growing in the Arboretum for sixteen years without protection, and which it was hoped would be able to support the worst conditions New England winters could offer. Other conifers with injured leaves are the Sugar Pine (*Pinus Lambertiana*) from the Sierra Nevada of California, the Mexican White Pine (*Pinus Ayacahuite*), the Chinese Hemlock (*Tsuga chinensis*) which has lost most of its top, and *Abies cephalonica* from the islands of Greece. One or two

specimens of this tree will probably not recover. The leaves of the California Incense Cedar (*Libocedrus decurrens*), of *Abies grandis*, of *Abies amabilis* and of the Hemlock of the north-west coast (*Tsuga heterophylla*) are slightly injured. The native White Cedar (*Chamaecyparis thyoides*) is badly hurt and some of the plants will probably die. The Red Spruce (*Picea rubra*) from northern New England has suffered badly, as have the plants of the upright form of *Juniperus communis* from central Massachusetts. The leaves of *Abies amabilis*, too, from the Cascade Mountains of Oregon are slightly browned, as are those of several plants of the Japanese *Abies sachalinense*. On a few of the plants of the Chinese White Pine (*Pinus Armandi*), of the Japanese *Pinus densiflora* and *P. Thunbergii*, and of the Chinese *Pinus sinensis* var. *yunnanensis* and var. *denudata* the leaves are also brown. It is interesting that, with the exception of four exotic conifers, three of which have been kept alive in the Arboretum with much difficulty and have now perished, the most serious damage of the winter to conifers has been to four native species, *Picea rubra*, *Pinus echinata*, *Chamaecyparis thyoides* and *Juniperus communis*. All the new spruces and firs from western China, with the exception of *Picea Sargentiana*, are uninjured, as are practically all the Chinese Pines. Uninjured, too, are the Carolina Hemlock (*Tsuga caroliniana*) the western Arbor Vitae (*Thuja plicata*), and the Spanish Pine (*Pinus nigra tenuifolia*) which, judging by the climate of the regions where these trees grow naturally might well have suffered from the cold of the past winter.

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The small florist's predicament

The drastic fuel restrictions to be imposed upon the greenhouse people during the coming season will bear particularly hard on the small local florist with perhaps one greenhouse from which he has heretofore managed to derive only a frugal existence for himself and family. The problem of complying with the order will be a much easier task for the large operator—or we might say, flower manufacturer—who can rely on his force of employees and also benefit ultimately from the higher market value and better clean-up of his stock under reduced production, but there is no such alleviation possible for the little fellow and we are heartily in accord with the sentiments expressed in Secretary Young's communication to Mr. Gude on this subject, which we present in full in this issue of HORTICULTURE. We hope that some way may be found whereby the hardships which this new law must inflict may be modified and tempered on behalf of the weak and needy whom a literal application of the

law as it now stands would leave almost entirely without means of support.

"Up against it"

These are serious times for the florist and all whose business is tributary to or linked up with the floral industries. The communication from James McHutchison on the lily bulb question which appears this week is cumulative evidence that if the florist trade is to hold its own under the untoward conditions now prevailing and continue its usefulness as a thrifty and patriotic American industry it must open up initiative and evolution on lines not heretofore seriously attempted in order to meet and overcome the present and prospective exigencies. Theoretically, home-grown goods to take the place of those we are prohibited to import, is the evident solution of the supply problem, but it will take a considerable time before that can become an accomplished practical fact. As to the forcing-lily bulb question, it should not be forgotten that in the recently introduced Regal Lily we have a perfectly hardy and otherwise very acceptable substitute for the Japan and Bermuda longiflorum product—a bulb which every florist can produce from seed in his own ground at the minimum of care and cost, and a flower of excellent qualities. Altogether the unprecedented situation now confronting the trade calls for courage, foresight and the unlimited use of the best brains in the business and all this, we doubt not, will be forthcoming.

To cut out plant importing

Nurserymen and florists and others who are interested to any extent in the importation of trees, shrubs, plants and seeds from foreign countries should not overlook the public hearing called by the Secretary of Agriculture to be held in Washington, May 28, if they have any positive views favoring or opposing the proposed restriction of the importation of such stock. This particular legislation is not a war measure but is contemplated in order to prevent the introduction into the United States of injurious insects or plant diseases through the agency of plants imported with earth about their roots, it being represented that it is impossible safely to pass such plants by inspection, or to safeguard them by disinfection and that a long list of destructive insects and diseases are still roaming in foreign parts which have not yet gained entrance to this country. Notice of this hearing was given well in advance and there is no doubt that a very strong force favoring drastic prohibitive legislation will be on hand. It is much to be desired that a proposition with possibilities so far-reaching and vitally affecting so many interests in this country should be thoroughly opened out from all viewpoints so that whatever decision is reached may be that which will make for the greatest amount of good for the greatest number and least interfere with the prosperity of any established American industry. As it appears to us, the proposed prohibition seems entirely too sudden a shock to the trade. Whatever its ultimate advantage may be, a more gradual application of the embargo would be, to say the least, more considerate. Horticulture in this country is not yet ready for so radical an overturn. However, if everything of foreign origin is to be shut off, there appears one redeeming feature. The services of this small army of entomologists, bacteriologists, inspectors and kindred officials will be no longer needed and the Government will make a big saving in consequence.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURALISTS

The Fuel Situation

The question of how much coal florists will be allowed to use next winter has been settled by the order which the Fuel Administration has issued, and it appears to be up to the florists to adapt their establishments to the conditions facing them. The Secretary's office has received communications from many florists who appear to think that the Society should make some effort to obtain a modification of the order, but such florists should remember that when the Society's delegation had a hearing before the Commission last December, the body was distinctly given to understand that while the florist industry was not likely to be classed as a non-essential one, the florists would be limited to coal supplies one-third to one-half of their usual requirements. The order has followed, as was expected.

The smaller florist, whose livelihood results from the operation of a single greenhouse, or perhaps small ranges of less than ten thousand square feet will feel the pinch most. Many of these have expressed their helplessness, and not a few will be driven out of business altogether, or compelled to close down until such time as a normal condition in the fuel supply is again experienced.

With a view to urging upon the Commission the advisability of making some concession to this class of florists, many of whom would, perhaps, find it difficult to apply themselves to any other occupation, the Secretary has addressed the follow-

ing letter to our Washington Representative, Wm. F. Gude, who is best able to take the initiative in the matter:

My dear Mr. Gude:

Judging from the inquiries received at this office, florists generally are trying to make the best of the situation presented by the fuel order recently issued by the Commission.

While in the main the order manifests the spirit of conservation, it also, through neglect to establish a point where real equity begins, creates a condition which is unjust to the "little fellow."

For instance: You know very well that we have a large number of florists in a small way, whose glass areas run from one house, say, 25 x 100 ft., 2,500 sq. ft., to plants of two houses of the same size, equalling 5,000 sq. ft., and so on up to 10,000 sq. ft. You know also, that by working from sun-up to sun-down, and later even by lantern use, these florists are able to produce good stock but make only a bare living; in fact, with the high prices of everything today, it is a wonder to many of us how they can eke out an existence.

In the fuel order there is no provision for cases of this character, and the living of such men must be absolutely cut in half. In the proportioning of the income tax, and in many other cases where a basis for a tax or regulation of an economic character has been determined upon by the Government some thought has been given as to the point where the axe should fall—but not so in this

fuel order. In this sense it is most unjust. The bigger fellows can stand it for a year or more—it may affect their profits, but it does not diminish their supply of necessary bread and butter.

I do hope that you can arrange for a hearing on or a consideration of this point, as I do not think this particular phase of the conservation idea has been properly thought out by the fuel administration, as far as the particular type of florists mentioned is concerned. Most of these poor people, too, have for years been obliged to grow and sell vegetable plants in season, as well as flowers, in order to make their businesses provide the requirements of soul and body.

Another injustice, as I take it, is the unnecessarily sweeping character of the order, in that it places an embargo on fuel of all descriptions—which must mean wood, although it is not specifically mentioned as included. We all know that many florists in outlying districts have a little wood on their properties, or are so situated that they could procure a little from nearby sources, and thus temper the situation, without prejudicing the idea of fuel conservation in any way, for such fuel would have only local value, and could not be considered in a commercial sense.

Do you think it possible that these facts could be brought to the notice of the Commission, in the hope that they might receive consideration?

Yours very truly,

(Signed) JOHN YOUNG,
Secretary.

Publicity Campaign

Now that the big Liberty Loan drive has ended, and the florists are free to consider things more personal in character, our Publicity Campaign now in progress should receive a little stimulus. By this is meant further and most necessary support in order to enable the committee to "carry on" with their plans and to fulfil their obligations.

Our slogan, "Say It With Flowers" has got home to the hearts of the people. We say this through our actual knowledge, and new evidence of the fact crops up every day. And what did it? Nothing but the support which only a few—we are sorry to say—of the many thousands of florists in this country have so far given to our fund. The best hopes of the committees as regards the results to be expected from the campaign have been realized—despite the general conditions which now beset us, the demand for flowers cannot be considered as anything but good.

What did our national bodies of flower workers do when it was found necessary to strike a Belgian note to offset propaganda which was becoming most vicious? Their protest was ordered to be registered with flowers—a Belgian Day has been proclaimed, and the sentiment of the day is to be expressed by a liberal use of Forget-me-nots, where obtainable, but in flowers anyway. While this, for many reasons, may not keep the florists' cash registers busy on that day, the handwriting is on the wall,—flowers as mediums for the expression of sentiment are in the public mind.

If a project regarding which our Promotion Bureau has been consulted is carried out, and it very probably will have been by the time these lines are read, another day close at hand is to be proclaimed to offset other propaganda of a dangerous character, and is likely to develop into an immense "flower day," flowers of all kinds this time being considered to

convey the sentiment—and this time florists everywhere will be called upon by our national societies to help in a countrywide distribution of flowers, none of which they will be asked to contribute. Something rather Utopian in this, you may say,—but wait and see.

All this is publicity of the right kind for flowers, and undoubtedly is one of the results of our campaign.

But we have not gone nearly far enough yet. We have only "scratched the surface" of possibilities. We must go on and on, and still onward. The campaign work is only in its initial stage thus far, and to get where we plan we must have more support from the people it is to benefit, you, the florists, the raisers and distributors of the flowers the campaign is seeking to make a necessity in every home, a daily feature of home and public life, and a medium for the expression of sentiment under any and all conditions.

The campaign is most worthy of the earnest consideration of all florists at this time. If you, Mr. Florist, have not yet subscribed, put yourself on record with a contribution to the fund as one willing and anxious to get the best out of your chosen vocation, and to consider this campaign as your agent, and at the same time, in the production of business in which everyone can and will share.

Take advantage of the direct service aids offered by the Promotion Bureau—lantern slides for the movies, signs, stickers, booklets and newspaper cuts. If you have not received a folder describing these, sit down and write a postal request for one—don't delay, do it now.

The following are among the subscriptions to the fund reported for the week just passed:

Annually for Four Years: Miller Bros., Auburn, Kans., \$3; Rudolph Proust, Milwaukee, Wis., \$5; W. T. Hauser, Houston, Tex., \$10; H. P. Campbell Est., Shamokin, Pa., \$3; Guy W. French, Morton Grove, Ill., \$25; Martinsville Floral Co., Martinsville, Ind., \$3; Knud Nielson, Evergreen, Ala., \$10; Peter A. Chopin, New Orleans, La., \$25; Rosendale Flower Shop, Schenectady, N. Y., \$5.

For One Year: Reading Florists' Association, \$56; New York Cut Flower Co., New York City, \$250.

Total, \$395.00. Previously reported from all sources, \$33,364.00. Grand Total, \$33,759.00.

In the subscription list recently published, the following omissions are supplied: Henshaw Floral Co., 127 W. 28th St., New York, 2 subscriptions—\$50 and \$15 respectively; Schloss Bros. Co., Ribbons, Inc., 31 E. 28th St., New York, \$100. These companies were among the early subscribers.

JOHN YOUNG, Sec'y.

1170 Broadway, New York, May 4, 1918

STAMFORD (CONN.) HORTICULTURAL SOCIETY.

There was a large attendance at the last meeting of this above society, on May 3rd. A committee was appointed to co-operate with the Service Bureau of the N. A. of G. All correspondence pertaining to this should be addressed to our secretary, O. A. Hunwick, whose new address is Clapboard Ridge Rd., Greenwich, Conn. Several prizes were offered for a free midsummer show, to be held at Moose Hall, Stamford, on July 3rd. A prize was also offered by one of the members for the best paper on a horticultural subject by an assistant gardener to be read at the meeting after the show. It was also decided to hold a fall show in October or November on a small scale. The co-operation of the Red Cross will be asked.

C. F. Wegner of Noroton Heights entertained the members with a paper on "The Mole." This proved interesting and was well received. The awards were as follows: Roses by Anthon Pederson, honorable mention. Carnation Matchless by James Foster, cultural certificate. Sea kale by M. Smith, vote of thanks. Richardia by Wm. Whitton, cultural certificate. Myosotis Victoria by Thomas Harvey, vote of thanks. Antirrhinum Garnet and Carnation Belle Washburn by A. P. Wezel, honorable mention.

Three new members were elected and four applications for membership received.

A. P. WEZEL.

Noroton, Conn.

CLUBS AND SOCIETIES

Meetings Next Week

Monday, May 13.

Gardeners and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

New York Florists' Club, Grand Opera House, New York City.
Rochester Florists' Association, 56 Main St., East Rochester, N. Y.
Cincinnati Florists' Society, Hotel Gibson, Cincinnati, O.

Tuesday, May 14.

Newport Horticultural Society, Newport, R. I.

Wednesday, May 15.

Rhode Island Horticultural Society, Public Library, Providence, R. I.

Tarrytown Horticultural Society, Tarrytown, N. Y.

Thursday, May 16.

Essex County Florists' Club, Kreuger Auditorium, Newark, N. J.
New Orleans Horticultural Society, Association of Commerce Bldg., New Orleans, La.

North Westchester County Horticultural Society, Mt. Kisco, N. Y.
Tacoma Florists' Association, Macabee Hall, Tacoma, Wash.

Friday, May 17.

North Shore Horticultural Society, Manchester, Mass.

LADIES' SOCIETY OF AMERICAN FLORISTS.

Mrs. Julius Roehrs, President of the Ladies' S. A. F., has appointed Mrs. Albert M. Herr, Lancaster, Pa., to fill the unexpired term of Mrs. Geo. W. Smith, Cleveland, Ohio (deceased). All communications for the Secretary should be addressed to Mrs. Albert M. Herr, Lancaster, Pa.

SAY IT WITH FLOWERS.

The Promotion Bureau of the National Publicity Campaign has been favored with the accompanying poem. The author dedicates it to the use of the trade.

Say It With Flowers.

By L. B. Mitchell, Hart, Michigan.

Say it with flowers, you chivalrous lover true
For they seem to grow just for the likes of you;
Were it not for love the human race would be
A soulless, aimless, nature mockery.
As it never dies, its kindergarten hours
Are the ones in which to blend it with the flowers.

Say it with flowers when ring the wedding bells
For their language, Oh! so eloquently tells
The spirit in which is won the choicest prize
That mortals know beneath the glowing skies.
But if 'tis gold or a kindly gift you bring
Let a flower grace whate'er the offering.

Say it with flowers as the birthdays hasten round,
"Speak your piece" with them, the heart can hear the sound.
And twine them round the mile posts they go by,
For they'll sermons preach with which no words can vie,
Brush the lines of care that the years may bring away,
If with nothing else, a little sweet bouquet.

Say it with flowers, O there's a special place
For the charm and cheer of nature's sweetest grace,
For when they to the suffering are given
They are saying things that may be heard to heaven.
Let the flowers in the sick room breathe the prayer
That you tried to say because you brought them there.

Say it with flowers again and yet again,
Your angel waits to tell you where and when;
They should not waste their sweetness on the air
When a "thank you" waits for you most anywhere,
And remember that the price of your bouquet
May not measure what you'd really love to say.

Say it with flowers, O wait not for the day
When you'll grieve because you did not with them say
What you might have said so oft adown the years
In the game of life its joys and hopes and tears.
Now is the time right here in nature's bowers
To unite the word and then SAY IT WITH FLOWERS.

Secretary John Young and Chairman George Asmus of the Finance Committee have hit the trail this week to campaign for the S. A. F. publicity fund. Mr. Asmus addressed a meeting of the retail florists of Pittsburgh, Pa., on Tuesday evening, May 7.

FLORISTS' CLUB OF PHILADELPHIA.

The regular monthly meeting was held in Grand Fraternity Hall on the 7th inst. The feature of most interest was an address by Mark J. Mullin on the Parcel Post Service as it applies to the florist business. He told the members that the department had recently inaugurated a new auto-truck service between Philadelphia, Baltimore and Washington which is of great service to those located some distance from the railroad. There is also in contemplation a similar service between Philadelphia and Pittsburgh. The coal question was on the program for discussion but the speaker to whom this subject was assigned did not turn up.

NEW YORK FLORISTS' CLUB.

The next regular meeting of the Club will be held on Monday, May 13th. Among the exhibits promised for this meeting will be one of lilacs and flowering shrubs which will be staged by T. A. Havemeyer, Brookville, L. I. While the date, Mr. Havemeyer says, is a little early for the finest varieties of lilacs, he will do the best that can be done to make a fine and comprehensive exhibit. The essay committee announces that W. H. Elliott of Madbury, N. H., will talk on "Greenhouse Business in Wartime," and Kenneth Gillett, Southwick, Mass., will speak on "Native Plants."

JOHN YOUNG, Sec'y.

The Lily Bulb Outlook

The following copy of letter to the War Trade Board shows the argument of the S. A. F. Committee on Tariff and Legislation, having for its object the lifting of the present embargo on next fall shipments of lily bulbs from Japan, and the copy of reply enclosed states the position the Board takes with regard to them. While further negotiations are proceeding, the prospects are plainly not favorable and it looks as if the florists must make another sacrifice in the interests of the national welfare.

(COPY)

April 27, 1918.

War Trade Board, Bureau of Imports,
45 Broadway, New York.

Gentlemen: Your supplementary list of "Restricted Imports," dated April 1st (which classifies items on No. 1 list of March 23rd), includes "Bulbs No. 61" and temporarily shuts out shipments of Japanese lily bulbs. As these bulbs are of such vital importance to American florists, I wish to briefly present a few facts for your consideration in behalf of this national organization of florists and allied trades.

1. These lily bulbs produces the "Easter Lilies" handled by practically every florist in the United States. They cannot be produced in this country but must be imported from Japan.

2. The florists have already made large sacrifices—through loyally supporting war measurers. Many florists specialize in forcing these bulbs and without them would be forced out of business, as nothing else takes their place.

3. Being not only perishable but seasonable, shipments of these bulbs must leave Japan during August, September and October, or as the different varieties become ripe. They cannot be shipped before August or until they are ripe, nor can they be shipped after October or they would arrive frozen and worthless and too late.

4. Last year importers of these bulbs lost upwards of \$50,000 worth, due to the consignments being delayed and arriving frozen. This loss falls exclusively on the American importers and in many instances makes the purchase of Liberty Bonds impossible.

5. The shipments of these bulbs represent raw materials. They occupy very little space as compared to their importance to American citizens, and much material from Japan not now restricted could be substituted with much less loss to the Country's interests.

6. As these bulbs are grown in Japan only for exports, the stoppage of exports for even one season would cause the Japanese growers to discontinue their production and destroy their stock bulbs, and it would be many years after the war ends before these bulbs would again be available in commercial quantities.

7. The Government now derives a revenue through duty of \$5.00 per 1,000 bulbs, or approximately 30 per cent. of Japan value, and if importations were stopped, Customs would lose this revenue.

8. The policy of this organization is to do everything possible to "get the war won," but you tie our hands if you prohibit the importation of absolutely essential raw materials.

9. Outside of war supplies, we know of nothing imported from Japan that is more essential to the welfare of this Country, and the policy of getting the war won, than the importation of these bulbs. Without them many more florists will be forced out of business.

If you cannot permit imports on the presentation of these facts, I respectfully request that you arrange for a hearing when the facts can be presented personally by a small delegation. We realize the pressing need of war supplies and are prepared to make any necessary sacrifice to enable them to come, but if there is any space available on steamers from Japan, we feel that these bulbs should be given pref-

15,000 VIOLA CORNUTA ATROPURPUREA

We have a fine lot of 2 1/4-inch pots of this useful bedding
Viola which we offer at

\$6.00 per 100, \$50.00 per 1,000

HENRY A. DREER, 714-716 Chestnut Street
PHILADELPHIA, PA.

Asparagus Plumosus Nanus Seed

New crop, cleaned, lath-house grown.
Now ready to ship.

1,000 or more seeds.....	\$2.25 per 1000
5,000 " " " " " "	2.00 "
10,000 " " " " " "	1.75 "
35,000 " " " " " "	1.60 "

Delivered free anywhere in the
U. S. or Canada upon receipt
of remittance.

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95 Chambers Street NEW YORK

STAR BRAND ROSES

"American Pillar" and nearly every
other good hardy climber.

Send for our list.

The CONARD & JONES CO.  **WEST GROVE
PENN., U.S.A.**

Robert Pyle, Pres.

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WANTED

VINCA MAJOR

Green Foliage, Not Variegated

OLMSTED BROTHERS

Landscape Architects

BROOKLINE, - - MASS.

reference above all other commercial merchandise.

Yours truly,

(Signed) **JAMES McHUTCHISON.**

Member Legislative Committee, S. A. F.

(COPY)

War Trade Board

Bureau of Imports, Washington

May 1, 1918.

Society of American Florists
and Ornamental Horticulturists.

Mr. James McHutchison,

95 Chambers St., New York City.

Dear Sir: We beg to acknowledge receipt of your letter of the 27th inst, which has been referred to us by our New York office. We have carefully noted your statement of facts, and have laid your letter before those who have in charge the consideration of any possible modification of lists of restricted imports.

You will appreciate, of course, that the urgent need for increased tonnage in order that troops and supplies may be transported overseas, and our armies maintained in France, makes essential the reduction in importation to provide the necessary and additional space. It is the urgency of this problem that makes the immediate and rigid enforcement of all restricted lists imperative.

This demand for shipping space for military uses is so great that all dispensable commodities must be eliminated from our imports. In fact, it is probably true that with all dispensable commodities eliminated, and essential imports pared down to the very bone of minimum requirements, there still will remain a shortage of shipping to satisfy the needs of military uses, and our essential industries during the remainder of this year.

For your further information, it may interest you to know that 9,000 dead weight tons of shipping saved, would be enough

ROSES

ALL THE POPULAR VARIETIES

Own Roots or Grafted

CARNATIONS

Rooted Cuttings of all the best commercial varieties. Healthy stock.

MISCELLANEOUS PLANTS

Ready for Immediate Sales

	Size Pot	100
ASPARAGUS Sprengerii.....	2 1/4-In.	\$3.00
ASPARAGUS Sprengerii.....	3 -In.	6.00
SMILAX	2 1/4-In.	3.00

SEND FOR CATALOGUE

WOOD BROTHERS, Fishkill, N.Y.

BEDDING PLANTS

IN PRIME CONDITION.

Double Alyssum, 2 in.	\$2.50 per 100
Dracaena Indivisa, 2 in.	\$2.50; 4 in.
	\$15.00; 5 in. \$25.00 per 100.
Feverfew, 2 in.	\$2.50; 3 in. \$5.50 per 100
Fuchsias, 3 in.	\$5.50 per 100
Heliotrope, 3 in.	\$5.50 per 100
Marguerites, Mrs. Sander and Boston Market, 2 in.	\$3.50 per 100
Marg. Single, 2 in.	\$2.50 per 100
Vinca Variegata, 2 1/4 in.	\$3.50; 3 in.
	\$5.00; 4 in. \$10.00 and \$12.00 per 100
Ivy Geraniums, 2 in.	\$2.50 per 100
Verbena Seedlings, Pink, White and Blue,	\$1.25 per 100.

Cash with order, please.

WEBSTER FLORAL CO., Inc.

Webster, Mass.

to carry the supplies required for the annual support of at least 7,000 soldiers in France, or, to put it in other terms, it would transport for the support of the Allied Nations, approximately, 500,000 bushels of wheat. You will, therefore, readily understand that there is very little likelihood of any modification being made to the Restricted Lists. However, should there be any, you will receive notice thereof.

Yours very truly,

BUREAU OF IMPORTS.

By Edgar J. Nathan, Jr.

PRIVATE GREENHOUSES REQUESTED TO CLOSE.

New England Fuel Administrator, James B. Storrow, is quoted in the Boston papers as follows:

"The amount of coal required to heat a greenhouse sufficiently for flowering plants is very large compared with the amount necessary to heat an ordinary building of the same size," said Mr. Storrow. "This is due to the tremendous loss of heat radiated from glass buildings, and there is no building that uses coal more extravagantly than a greenhouse.

"Owners of private greenhouses are therefore asked to either discontinue them entirely and send to a commercial greenhouse the plants that are to be kept over to the next season, or reduce the coal consumption radically by shutting down all of the greenhouses except one section sufficiently large to care for permanent plants."

IMPORTANT NEW OR RARE TREES AND SHRUBS.

The report of John Dunbar, of Rochester, N. Y. Parks, as Botanist of the S. A. F. which is published in full in the annual publication of that society, is so very important and interesting that we should like to present it entire in these columns. Limits of available space preventing us from so doing, we herewith give some extracts which many of our readers not having the S. A. F. report will no doubt be pleased to know. Mr. Dunbar is exceptionally well informed and qualified to speak on these things which ought to be better known to the gardening profession. There are only two places in this country where such information can be obtained,—the Arnold Arboretum and the Rochester Parks.

Juniperus Chinensis, variety *Sargentii*, was introduced from Japan by Dr. C. S. Sargent 25 years since, and we believe it is destined to be one of the best trailing Junipers for decorative planting in the northeastern States. The habit is perfectly prostrate, and the long stems hug the ground closely. The color of the foliage varies from olive green to bluish green. *Juniperus Chinensis columnaris* is a remarkably beautiful form of the Chinese Juniper. The habit is dense and strictly columnar, and the leaves are all acicular and bright green.

Juniperus littoralis is a new Juniper, introduced from Japan in 1914 by Mr. E. H. Wilson. He found it growing on the sea coast of Japan, with the habit always prostrate in exposed, sandy situations. The young plants in our possession are growing with remarkable vigor. Of course, it may be too soon to express an opinion about it, but Mr. Wilson says of it, "This species ought to be perfectly hardy in eastern North America, and if it thrives should make a good ground cover and be especially valuable for covering sand dunes."

Magnolia Andre Leroy belongs to the group of Chinese hybrid Magnolias which had their origin by crossing *Magnolia denudata* with *Magnolia liliiflora*. *Magnolia Andre Leroy* came here from Holland a number of years ago, and we have never seen it anywhere else. It has remarkably large cup-shaped flowers, 7-9 inches across when fully open, rosy red outside, and cream-white inside. The blossoms are similar in formation to *Magnolia Lenei*. It is one of the most distinctive of the reddish-colored Magnolias.

Magnolia Brozozonii is another of the Chinese hybrids which, as far as we are aware, is very rare in parks and gardens. The blossoms are tubular in outline before they expand. The flowers are white in effect at a distance, but they are tinged on the outside towards the base with lilac-pink. They are almost pure white or cream-white inside; when the flowers fully expand and before they drop they are 6-8 inches across. This is one of the most showy of all the Magnolias.

Magnolia rustica flore rubra is another of the rare Chinese hybrids, and a remarkably good grower; it is distinguished by bright purple-red on the outside of the blossoms. The suffusion of red is perhaps more perceptible in this *Magnolia* than in any other. The flowers are about 6 inches across when fully open. In "Flora

LORRAINE BEGONIAS.



It is not too late yet to make a late batch of Lorraine cuttings for flowering in small pots. These sell readily for table adornment and for use in Christmas combination pans or jardinieres. Cuttings are best started in finely sifted sand. Little plants in

their first pots must not be permitted to become pot-bound. As they grow keep them stocky by frequent pinching back and give some shade from the hot sun from now on. Watch out for green fly. Now is the season for rapid growth before the weather gets too hot.

and *Sylva*," Vol. I, p. 17, Mr. Wezlenburg, of Hazerswoode Nurseries, Leydon, Holland, states "We found this *Magnolia* growing in the nursery of a friend in Boskoop, and we bought it from him. It had no name. In conference with this gentleman we agreed to call it *rustica flore rubra*. He told me it came up in a batch of seedlings, but he did not know their origin."

Magnolia Verbanica came to us from Holland, and has flowered freely for a good many years, and belongs to the Chinese hybrids. We have not seen it elsewhere. This is, perhaps, the nearest approach to a pink flowered *Magnolia*, as the blossoms are deep rosy pink on the outside and blush-white inside. The flowers when fully expanded are about 7¼ inches across.

Magnolia salicifolia is a species from Japan and was, I believe, introduced from there by Dr. C. S. Sargent, and has not been very many years in cultivation. It flowered in the Rochester parks for the first time last Spring. It comes into bloom about the same time as *Magnolia stellata*. The leaves are ovate-lanceolate, light green above, glaucescent beneath, and 4-6 inches long. The flowers are white, or cream white, and 4 to 4½ inches across, and are borne on short stalks. The stem is covered with smooth, greyish bark. It is not as showy as any of the Chinese hybrid Magnolias, but it is interesting on account of its early flowering. It is distinctive from all other Magnolias in its almost fastigiate branching habit.

Hamamelis vernalis. This is an interesting species of Witch Hazel discovered a few years ago in southern Missouri, and has been found in

Arkansas and Louisiana. The petals are yellowish, with a wine-colored calyx on the inside. As it flowers in mid-Winter, late Winter, and early Spring this new species is very interesting.

Rosa Fedschenkoana. This Rose is a native of Turkestan, and has arching stems and leaves with 7-9 leaflets. The flowers are usually 2-4, pure white, and 2 to 2½ inches across, and have a very pretty effect in bloom.

Rosa Hugonis is, perhaps, the most important hardy species that has been introduced to gardens in a good many years. The branches are ascending and partly spreading. The stems have numerous prickles mixed with bristles, and the leaves have usually 7-11 leaflets. The pure yellow flowers, 2½ inches across, are solitary, and borne on short pedicels ½ to ¾ of an inch long. They are produced in great abundance, and a well developed individual gives a remarkably beautiful effect. It is among the earliest of all Roses to bloom.

Rosa Jackii belongs to the multiflora group, has a spreading habit, and forms a round dense mass. The leaves have 7-9 leaflets, deep lustrous green. The flowers are borne in corymbose clusters, pure white, and are about 1¾ inches across.

Rosa Moyesii is said to attain a height of 10 feet. The branches are ascending and spreading, and have short prickles. The leaves have 7-13 leaflets. The blossoms are commonly 1-2, on short stalks, are about 2½ inches across, and in our plants are dark red, but they are said to vary to light pink.

Rosa multiflora Cathayensis was an interesting discovery by Mr. Wilson in

Western China. The well known Crimson Rambler Rose is said to be derived from it. The leaves have 7-9 leaflets and the large flatish clusters bear light pink blossoms $1\frac{1}{2}$ to 1 $\frac{3}{4}$ inches across.

Rosa multibracteata forms an attractive bush with somewhat dense habit. The leaves have 7-9 very small leaflets, but as they are arranged in close formation they are very attractive. The rose-colored or pink flowers are in clusters of 3-4 and $1\frac{1}{2}$ inches across.

Rosa Omiensis is a remarkably handsome Rose, if only for its graceful fern-like foliage. It is said to ultimately attain a height of 10 feet. The leaves consist of 9-17 leaflets. The blossoms are white, solitary, about 1 inch across, and inclined to be cup-shaped. The variety *pteracantha* has distinct red prickles with a wide base on vigorous shoots, which render this variety very ornamental.

Rosa setipoda has a somewhat loose spreading habit, and the branches are beset with wide spreading prickles. The leaves consist of 7-9 leaflets. The rosy-pink flowers, 4-5 in a cluster, are about 2 inches across.

Rosa Sweginzowii has a spreading habit, and forms a graceful shrub. The leaves have 7-9 leaflets. The lilac-rose to pink blossoms produced in clusters of 4-5 in great abundance along the branches are very attractive.

Rosa Willmottiae sends out long spreading branches with their ends somewhat remote from each other. The leaves consist of 7-9 leaflets, and are very small, seldom exceeding $\frac{3}{8}$ of an inch in length. The rosy-pink to rosy-purple flowers are solitary and about $1\frac{1}{4}$ inches across, but are produced in great profusion along the curving branches.

Indigofera Amblyantha. This handsome shrub is one of the many good things introduced from Western China by Mr. E. H. Wilson. It grows 5-6 feet in height, with wide, spreading branches. The leaves are 4-6 inches long and consist of 11-13 leaflets. The pink flowers are produced in numerous axillary slender racemes. From the time it commences to bloom in Summer, it flowers almost continuously until Autumn.

Acer griseum from Western China is said to grow to a height of 4 feet. The leaves are trifoliate, with the leaflets very coarsely toothed, hairy beneath, with short stalks, borne on short petioles, which are also very hairy. It is interesting and ornamental for its flaky reddish brown bark on the stems, and bears considerable resemblance to the stems of the Red Birch.

Acer Henryi has three leaflets, narrowly elliptical in outline, stalked, and borne on long, reddish, graceful petioles. The branches are spreading and the head is somewhat open.

Acer Mandshuricum, from Manchuria, also belongs to the three-leaved group of Maples. The leaflets are oblong, short-stalked, on handsome red petioles 3-4 inches long.

Acer Oliverianum comes from Western China, and has very distinct five-lobed, somewhat star-shaped looking leaves, and deep lustrous green above. The reddish petioles are from $1\frac{1}{2}$ to $1\frac{3}{4}$ inches long.

(To be continued next week)



We have just received
ANOTHER THOUSAND TONS
Of Our Celebrated
South American Sheep
and Goat Manure

This is unexcelled for top dressing any crop or mixing with the soil, or for use in solution. There is no safer or surer material to be had.

Write for prices and receive a supply while it lasts. It is difficult to obtain.

SANDERSON FERTILIZER AND CHEMICAL CO.

Subsidiary of the American Agricultural Chemical Co.

NEW HAVEN, CONNECTICUT

Obituary

George Perkins.

George Perkins, a florist of East Orange, N. J., with greenhouses at 79 Sanford street, died on April 30, aged 58 years. He was born in Ireland.

J. N. A. Bentzen.

John N. A. Bentzen, father of Adolph Bentzen, one of the prominent florists of St. Louis, died on April 29, aged 81 years. The funeral, on Thursday, May 2, was largely attended, and floral offerings were numerous.

J. B. McArdle.

Word has been received announcing the death of James B. McArdle, native of New York City, at Tucson, Ariz., where he went four months ago for his health. He was about forty years of age and one of the leading florists of Greenwich, N. Y., where he has been engaged in business for the past eight years. He was Secretary of the Westchester and Fairfield Horticulture Society for many years. Prior to coming to Greenwich Mr. McArdle was a salesman for Vaughan's seed store, New York.

Wm. B. Schneider.

William B. Schneider, 56 years old, of 1274 Prospect avenue, Brooklyn, N. Y., a gardener employed in the flower gardens in Prospect Park, went home ill Wednesday afternoon, May 1, and died a few hours later of acute indigestion. He had been employed in the Brooklyn parks since 1911, and before that in Bronx Park for ten years. Mr. Schneider was born in New York City. He is survived by his wife, three sons, Edward, a sergeant of Company C, 106 U. S. Infantry, Camp Wadsworth, Spartanburg, S. C.; Frederick W. of the Bronx, and Rich-

ard Schneider of Woodbury, N. J., and two grandchildren.

BUSINESS TROUBLES.

Victor Young closed his store on N. Clark street, Chicago, Saturday, May 6, leaving his help and many in the wholesale market in the lurch. Mr. Young was accepted in the last draft and will be at Jefferson Barracks, Mo. It has been known for several weeks that his bills were running behind but no one thought he would leave without making an effort to straighten matters. His lawyer states that he will make application for bankruptcy.

NEWS NOTES.

Orville, Pa.—E. Klein, formerly with Dr. W. C. Wilson, has taken over the Strassburger greenhouses.

Bar Harbor, Me.—Everything in the way of shrubbery and garden perennials has wintered finely here.

Pittsfield, Mass.—Professor Gourley of the Agricultural College at Durham, N. H., gave a garden talk under the auspices of the local farm bureau on Thursday, May 9.

THE
HORTICULTURAL
CATALOG

A MONTHLY MAGAZINE FOR
WESTERN NURSERYMEN
FLORISTS, SEEDSMEN

Contains alphabetical listings of available surplus stock, etc.

\$1.00 per year.

Foreign \$1.50

THE HORTICULTURAL CATALOG
LOS ANGELES, CALIFORNIA

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. A. Hearlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Mendel, Cleveland, O.

Forage-Plant Seeds Imported During April.

The following table prepared in the Seed Laboratory of the Bureau of Plant Industry, United States Department of Agriculture, shows the amount of the various kinds of forage-plant seeds subject to the seed importation act permitted entry into the United States during the month of April, 1918, as compared with April, 1917:

Kind of Seed	April 1917 Pounds	April 1918 Pounds
Alfalfa	225,500	19,500
Barley	5,500	324,000
Beet		800
Brassica	20,000	27,500
Chickpea	11,500	
Corn	28,500	15,500
Wheat	19,500	
Grass Mixtures		
Alfalfa and Timothy	1,000	29,000
Timothy, Alsike and White	1,000	
Millet		
Hungarian	10,800	
Proso, Corn	60,100	
Mixtures, Grass	4,500	5,600
Rape		351,700
Raygrass		
English	57,400	211,100
Italian	12,900	11,100
Timothy		3,400
Vetch, Early	52,500	

Seed Trade Notes.

Lancaster, Pa.—The seed store of Sprecher & Sons was destroyed by fire recently.

Richmond, Va.—Fire destroyed much of the farm and garden seed of T. W. Wood & Sons' stock on April 23.

The importation of grass and other seeds from Glasgow to this country increased from \$3,224 in the first quarter of 1917 to \$12,580 in 1918.

NEW CORPORATIONS.

Danbury, Ct.—Cornell Flower Co., capital stock, \$10,000.

Springfield, O.—Lagonda Floral Co., capital stock, \$25,000. Incorporator, D. W. Hogue.

Enid, Okla.—Lopeman Nursery Company, capital stock \$50,000. Incorporators, J. O. & J. A. Lopeman and Chas. N. Harmon.

Fort Worth, Tex.—Southern Florist Company, capital stock, \$10,000. Incorporators, L. J. Tackett, W. J. Baker and C. A. Byars.

Rowayton, Conn.—The directors of the Rowayton Greenhouses give public notice of an agreement by the stockholders that the corporate existence of the corporation is to be terminated. They warn every creditor of said corporation to present his claims on or before the 3rd day of September, 1918. All claims against said corporation should be sent to the Traendly & Schenck Rowayton Greenhouses, Inc., Rowayton, Norwalk, Connecticut.

Begonias

Farquhar's Tuberous-Rooted

As Bedding Plants these are unsurpassed for brilliancy and richness of color.

Single Variety in six colors, \$1.00 per dozen; \$7.50 per 100.

Double and New Frilled Varieties. Prices on application.

R. & J. FARQUHAR & CO.,

6 South Market Street,

Boston, Mass.



Send for our Wholesale
Florist Catalogue Now
Ready.

Lily of the Valley Pips

FOR EARLY FLOWERING

Every florist should have a few of these dainty flowers for their Easter trade: 100, \$3.00; 1000, \$28.00.

BEGONIAS

Double-Flowering—Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze. Mixed: 100, \$6.50; 1000, \$60.00.

Single-Flowering—Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon. Mixed: 100, \$4.75; 1000, \$45.00.

FOTTLER, FISKE, RAWSON CO.

The Seed Store 12 and 13 Faneuil Hall Sq., Boston

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

SEED GROWING CONTRACT PRICES.

	Average prices quoted to dealers on advance growing contracts for crops			Average percentage of total advance growing contracts delivered crop of	
	1918 Cts. per lb.	1917 Cts. per lb.	1916 Cts. per lb.	1917 Per cent.	1916 Per cent.
Beans Dwarf Snap	16	11	9	40	30
Beans Garden Pole	16	9	7	39	68
Beet Garden	44	30	24	60	92
Beet Mangel	55	46	26	43	77
Beet Sugar	108	50	50	40	56
Cabbage	38	26	25	78	75
Carrot	1400	1100	900	15	87
Cauliflower	56	50	49	84	99
Celery	44	29	24	80	87
Cucumber	30	22	21	28	98
Kale	30	25	23	90	94
Lettuce	50	32	32	70	70
Muskmelon	28	19	17	73	90
Watermelon	105	84	75	55	85
Onion Seed	7	6	6		
Onion Sets	23	13	14	64	98
Parsley	21	13	12	54	80
Parship	11	8	6	41	83
Peas Garden	107	65	130	38	88
Pepper	17	17	25	72	75
Pumpkin	37	17	14	35	88
Radish	80	50	40	47	59
Salsify	58	36	21	26	35
Spinach	65	54	31	82	82
Squash—Summer	54	39	32	69	91
Squash—Winter	10	6	5	41	70
Sweet Corn	118	80	65	74	88
Tomato	72	30	23	25	54
Turnip—English	78	15	31	32	39
Turnip—Swede					

Hull, Mass.—Fire last Saturday afternoon destroyed the greenhouse together with its contents on Front street owned by George Hopkins, causing a loss of \$2,000, on which there was no insurance. A spark from a brush fire was the cause.

Wm. Elliott & Sons
SEEDSMEN
42 Vesey Street
NEW YORK

MICHELL'S PRIMULA SEED

PRIMULA CHINENSIS

(Chinese Primrose)

Mitchell's Prize Mixture. An even blending of all colors.	\$0.60	1.00
Alba Magnifica. White.	.60	1.00
Chiswick Red. Bright red.	.60	1.00
Duchess. White, with zone of rosy carmine, yellow eye.	.60	1.00
Holborn Blue.	.60	1.00
Kermesina Splendens. Crim.		
Son.	.60	1.00
Rosy Morn. Pink.	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type. flowers much larger.

Lilacina. Pale lilac.	tr. pkt.	\$0.50
Kermesina. Deep crimson.		.50
Rosea. Pink.		.50
Alba. White.		.50

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Lilac.		\$0.50
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Superba. Deep rose. Orig. pkt.		.20

Also all other Seasonable Seeds, Bulbs, Plants and Supplies.

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Amaryllis, Callas

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106 West 25th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds, \$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengeri—1000 Seeds, \$1.00.
Salvia Bonfire— $\frac{1}{4}$ oz., 50c.; 1 oz., \$2.00.
Salvia Zurich— $\frac{1}{4}$ oz., 75c.; 1 oz., \$4.00.
Stocks Beauty of Nice, 75% Double Flowers—Shell Pink, Bright Pink, Purple, White—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.
Snapdragon, Petunias, Verbenas, etc.

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7/9 (300 per case).....	\$60.00	per thousand
8/10 (225 per case).....	80.00	" "
9/10 (200 per case).....	100.00	" "

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A Gladiolus Everyone Ought to Grow

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In all leading varieties as per prices.

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CINERARIA—Prize strains, mixed
Tall and Semi-dwarf.

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DELPHINIUM NEWPORT ROSE—
Finest Pink Larkspur at 80c. per
oz., \$2.25 per $\frac{1}{4}$ lb.

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Established 1802.

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Horticultural Sundries

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Careful Seed Growers and Seed Distribu-
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BET, CARROT, PARSNIP, RADISH and
GARDEN PEA SEED in variety; also other
items of the short crop of this past season,
as well as a full line of Garden Seeds, will
be quoted you upon application to

S. D. WOODRUFF & SONS

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Telegraphic orders forwarded to any part of the United States, Canada, and Foreign Countries. Orders from the trade for delivery in New York and vicinity receive special attention.

Cost of Cable Delivery Delivered by Express Must be Paid in Advance on and must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.

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The Florist

"The Telegraph Florist"

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Transfer Your Orders to

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Deliver orders from any part of the country to

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Write or Telegraph

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Out-of-town Orders Solicited. Location Central. Personal Attention.

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FLORIST**

32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

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LEADING FLORISTS**

38 Dorrance Street

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Of Interest to Retail Florists

THE NATIONAL PUBLICITY CAMPAIGN.

"It Couldn't Be Done."

Somebody said it couldn't be done.
But he, with a chuckle, replied
That maybe it couldn't, but he would be one.

Who wouldn't say so till he tried
So he buckled right in with a trace of a grin.

On his face, if he worried, he hid it.
He started to sing, as he tackled the thing
That couldn't be done, and he did it.

Somebody scoffed, "Oh, you'll never do that."

At least no one has ever done it.
But he took off his coat and he took off his hat.

And the best thing we know he'd begun it;

With a tilt of his chin and a bit of a grin.

Without any doubting or quibbling,
He started to sing as he tackled the thing
That couldn't be done, and he did it.

There are thousands to tell you it cannot be done.

There are thousands to prophesy failure;
There are thousands to point out to you,
One by one.

The dangers that wait to assail you;
But just buckle in with a bit of a grin.

Then take off your coat and go to it;
Just start in to sing as you tackle the thing
That cannot be done, and you'll do it.

EDGAR A. GUEST

How well the above poem illustrates the work of our Publicity Campaign. Many in the craft felt this was not the proper time, and others with true optimism, felt otherwise.

How well we have succeeded in our efforts will be the keynote at our next convention, but in the meantime, let us keep the ball rolling in the attempt to get more funds to keep it up, because we can only derive the benefits of our national advertising by keeping up that which we have only just begun.

Are we going to allow ourselves to believe it couldn't be done, and lie down now, after we have made such a noble start?

The answer will be in our efforts

IN THE National Capital

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKE

Connecticut Ave. and L St.
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Established 1874

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N. E. Cor. 44 St. & Madison Ave., N. Y. City (Member Florists' Telegraph Delivery Asso.) Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address, Dardsdor.

We should all strictly adhere to the request of the United States Food Administration.

JOHN BREITMEYER'S SONS

Cor. Broadway and Gratiot Aves.
DETROIT, MICH.

**Artistic Designs . . .
High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada. Members Florists' Telegraph Delivery Association.



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Orders for NEW YORK.
Write or Phone to

MAX SCHLING

785 Fifth Ave.

Best Florists in the States as
References.

EUROPEAN ORDERS EXECUTED

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Telegraph Delivery.

THE ROSERY

23 STEUBEN ST.

ALBANY, N. Y.
FLOWER DELIVERIES FOR ALBANY
AND VICINITY

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G. E. M. STUMPP

761 Fifth Ave.

NEW YORK CITY

Member Florists' Telegraph Delivery Asso.

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Also Newport, R. I.

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MEMBER F. T. D. A.

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Member Florists' Telegraph
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Michigan Ave. at 31st Street

Prompt Auto Delivery
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THOS. F. GALVIN
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NEW YORK 561 Fifth Ave.
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Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
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Complete Stock. Regular discount to Trade.

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THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

CLEVELAND
A. GRAHAM & SON
5523 Euclid Ave.
Will take good care of your orders
Members of F. T. D. Association.

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J. B. KELLER SONS,
FLORISTS
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S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
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WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
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towards contributing to the campaign fund, and by sending same to John Young, 1170 Broadway, New York, thereby feeling that you have at least done your duty. We need more money to complete our campaign. Will you help?

Very truly yours,

Henry Benn

National Publicity Campaign.

Lowell, Mass.—James Fenton McManmon, son of J. J. McManmon, florist and nurseryman, has been called to the colors and has gone to one of the southern camps. He was a student at Princeton, studying engineering. His departure in the busy nursery season has left his father in a hard position. Intelligent labor, understanding the English language is difficult to get in this manufacturing city. Out of twenty employees Mr. McManmon says there is only one familiar with the English language.

SEND ORDERS FOR BOSTON AND
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MOTHERS' DAY and
MEMORIAL DAY DELIVERY
To JULIUS A. ZINN
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FLORISTS AND
PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

Quality and Reliability
WARBURTON
FALL RIVER, MASS.
Deliveries of Flowers and Plants
in FALL RIVER and contiguous
territory.

H. F. A. LANGE
WORCESTER, MASS.
Deliveries to all points in New England.
125,000 Square Feet of Glass.
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And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
J. N. CHAMPION & CO.
1028 Chapel St., New Haven, Conn.

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FRED C. WEBER
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THE J. M. GASSER COMPANY,
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The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for
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Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all
Northwestern points given prompt at-
tention
HOLM & OLSON, Incorporated
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NEW SPHAGNUM MOSS

Extra Large Bales, \$2.50 each

There is economy in using new Moss. Let us fill your moss bin now.

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EDWARD REID WHOLESALE FLORIST

1619 - 21 Ranstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

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Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS
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Tell Them You Did So And
They'll Reciprocate

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From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

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2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON May 7		ST. LOUIS May 6		PHILA. April 29	
Roses						
Am. Beauty, Special	25.00	to 35.00	40.00	to 50.00	30.00	to 40.00
" " Fancy and Extra	12.00	to 20.00	20.00	to 30.00	15.00	to 25.00
" " No. 1 and culls	2.00	to 6.00	2.00	to 10.00	4.00	to 12.00
Russell, Euler, Mock	1.00	to 10.00	1.00	to 20.00	3.00	to 20.00
Hadley	1.00	to 10.00	4.00	to 6.00	3.00	to 15.00
Arenberg, Hoosier Beauty	1.00	to 6.00	1.00	to 10.00	2.00	to 12.00
Ward	1.00	to 6.00	1.00	to 8.00	2.00	to 6.00
Killarney, Radiance, Taft	1.00	to 6.00	1.00	to 6.00	2.00	to 10.00
Ophelia, Sunburst, Hillingdon	1.00	to 6.00	2.00	to 10.00	2.00	to 10.00
Carnations	2.00	to 6.00	3.00	to 5.00	1.00	to 3.00
Cattleyas	25.00	to 50.00	1.00	to 50.00	35.00	to 50.00
Lilies, Longiflorum	4.00	to 8.00	8.00	to 10.00	6.00	to 8.00
Lilies, Speciosum	3.00	to 6.00	1.00	to 10.00	2.00	to 4.00
Iris	4.00	to 10.00	1.00	to 4.00	4.00	to 6.00
Callas	6.00	to 8.00	10.00	to 12.00	6.00	to 8.00
Lily of the Valley	6.00	to 8.00	5.00	to 8.00	4.00	to 6.00
Snapdragon	3.00	to 8.00	1.00	to 4.00	2.00	to 8.00
Gladioli	5.00	to 8.00	1.00	to 10.00	1.00	to 1.00
Pansies	.25	to .50	1.00	to .50	.25	to .50
Daffodils	1.00	to 2.00	1.00	to 1.00	2.00	to 3.00
Tulips	1.00	to 3.00	2.00	to 4.00	2.00	to 3.00
Calendula	.50	to 2.00	1.00	to 2.00	1.00	to 3.00
Stocks	1.00	to 3.00	1.00	to 4.00	1.50	to 4.00
Wall Flowers	1.00	to 2.00	1.00	to 1.00	1.00	to 1.00
Mignonette	2.00	to 4.00	1.00	to 1.00	1.50	to 3.00
Sweet Peas	.35	to 1.00	.25	to .50	.40	to 1.00
Marguerites	1.00	to 3.00	1.00	to 1.00	.40	to 1.00
Gardenias	15.00	to 25.00	1.00	to 1.00	5.00	to 15.00
Adiantum	1.00	to 1.25	1.00	to 1.00	1.00	to 1.00
Smilax	25.00	to 40.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	35.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

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CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
BOOKS BALANCED AND ADJUSTED
40 STATE ST. - BOSTON
Telephone Main 22

Boston Floral Supply Co.

247-257 Cambridge St., Boston

Headquarters for
CYCLES, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not re-
ceived one.

Flower Market Reports

At the present moment **BOSTON** the Boston market is fairly seething with flowers driven to maturity and quick decrepitude by the unprecedented heat of the past few days and incapable of lasting over night in presentable condition. All this comes at a time when the unwisely hoarded carnations and other stock had been hopefully interned for the Mothers' Day blow-out with the result again that often happens to the "best laid plans o' mice and men," and all projects for the celebration are badly demoralized. There are quantities of every imaginable flower stock in sight but the buyers are few, although it is also true that the wholesale dealers have a cheerful lot of orders on their files for shipment at the end of the week. The situation is evidently similar in kind to that existing elsewhere for there are heaps of American Beauties from "up-the-Hudson" in New York state that have arrived in just the proper condition for making rose jars and rose beads. Among the handsomest stock offered in quantity are the Spanish irises in blue, white, purple and gold, and the anemones in colors of unrivalled brilliancy. Budb stock has narrowed down to Von Sion and poeticus narcissi and longiflorum lilies mainly. There are lots of snapdragons, tall and stately, but they find scant sympathy and the sweet peas have "met their Waterloo" in the heat wave.

The condition of the **CHICAGO** market has greatly changed during the past week. A sudden change from cold weather to midsummer temperature has brought on a quantity of stock, much of which is a little soft for shipping. Local trade cannot use it all though much is moved each day. The prospects for Mothers' Day are hard to determine at this writing (May 7th), so much depends upon the temperature. Orders have come in that indicate good business if stock is right and prices not too high.

The demand for **CINCINNATI** Mothers' Day is extremely heavy while

the outlook for a large supply of stock for that day is not any too promising. Last week's business was good and kept the market cleaned up pretty well. Roses are in only a fair supply and are not any too plentiful. The first peonies from the south made their appearance last week. Sweet peas are in a fair supply. Excellent orchids are available but they meet with a poor market. Other offerings include Cape jessamine, parrot, tulips, poeticus narcissus, snapdragon, lily of the valley and iris.

This market has **NEW YORK** had a bad week for the growers and wholesalers and a very light one for the retailers. The Liberty Bond campaign and other influences outside of floral considerations have



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117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.
WASHINGTON, 1216 H. St., N. W.

RUSSELL

The quality is still as choice as ever and in quantity with us at

Special . . . \$20.00
Fancy . . . 15.00
Extra . . . 10.00
First . . . 8.00
Second . . . 4.00

Everything in Plants, Cut Flowers
Greens, Ribbons and Supplies

S. S. PENNOCK COMPANY

The Wholesale Florists of
Philadelphia

BALTIMORE
Franklin & St. Paul Sts.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI May 6		CHICAGO May 6		BUFFALO May 6		PITTSBURG April 29	
Roses								
Am. Beauty, Special	40.00	to 50.00	40.00	to 50.00	30.00	to 40.00	30.00	to 40.00
" " Fancy and Extra	25.00	to 35.00	30.00	to 40.00	20.00	to 30.00	15.00	to 25.00
" " No. 1 and culls	8.00	to 15.00	8.00	to 20.00	3.00	to 15.00	5.00	to 12.50
Russell, Euler, Mock	6.00	to 15.00	6.00	to 40.00	3.00	to 8.00	10.00	to 25.00
Hadley	6.00	to 15.00	5.00	to 15.00	5.00	to 8.00	10.00	to 25.00
Arenberg, Hoosier Beauty	5.00	to 12.00	5.00	to 15.00	4.00	to 6.00	4.00	to 12.00
Ward	4.00	to 8.00	5.00	to 15.00	3.00	to 8.00	4.00	to 10.00
Killarney, Radiance, Taft	3.00	to 8.00	5.00	to 15.00	3.00	to 10.00	4.00	to 12.00
Ophelia, Sunburst, Hillingdon	4.00	to 10.00	5.00	to 15.00	3.00	to 10.00	4.00	to 12.00
Carnations	3.00	to 4.00	3.00	to 8.00	2.00	to 3.00	2.00	to 4.00
Cattleyas	50.00	to 60.00	50.00	to 60.00	40.00	to 50.00	60.00	to 75.00
Lilies, Longiflorum	10.00	to 12.00	10.00	to 12.00	8.00	to 12.00	12.00	to 15.00
Lilies, Speciosum	10.00	to 12.00	10.00	to 12.00	8.00	to 12.00	12.00	to 15.00
Iris	2.00	to 4.00	6.00	to 8.00	6.00	to 8.00	6.00	to 10.00
Callas	8.00	to 10.00	6.00	to 8.00	6.00	to 8.00	6.00	to 8.00
Lily of the Valley	4.00	to 6.00	4.00	to 5.00	6.00	to 8.00	6.00	to 8.00
Snapdragon	6.00	to 12.00	6.00	to 12.00	4.00	to 10.00	6.00	to 12.00
Gladioli	8.00	to 10.00	6.00	to 8.00	8.00	to 10.00	6.00	to 8.00
Pansies	1.00	to 1.00	1.00	to 1.25	.50	to .75	1.00	to 1.00
Daffodils	1.00	to 3.00	2.00	to 3.00	1.00	to 2.00	2.00	to 3.00
Tulips	2.00	to 4.00	4.00	to 5.00	1.00	to 2.00	3.00	to 4.00
Calendula	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	1.00	to 2.00
Stocks	2.00	to 4.00	2.00	to 4.00	3.00	to 4.00	1.00	to 3.00
Wall Flowers	2.00	to 3.00	2.00	to 3.00	2.00	to 3.00	1.00	to 3.00
Mignonette	4.00	to 6.00	4.00	to 6.00	2.00	to 4.00	3.00	to 4.00
Sweet Peas	.50	to 1.50	1.00	to 2.00	.50	to 1.50	.50	to 1.50
Marguerites	1.00	to 1.50	1.00	to 2.00	1.00	to 1.50	2.00	to 3.00
Gardenias	1.50	to 3.00	1.50	to 3.00	1.50	to 3.00	1.50	to 3.00
Adiantum	1.00	to 1.00	1.00	to 1.50	1.00	to 1.50	1.00	to 1.50
Smilax	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00	20.00	to 25.00
Asparagus Plu. & Spreng. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	50.00	to 75.00

operated to the disadvantage of trade, and the heavy influx of flowers due to the sultry weather and consequently of soft and unsatisfactory quality, has made the past ten days anything but inspiring for the dealers. New York has never taken very seriously to Mothers' Day and barring a stiffened backbone on the market value of carnations, in sympathy with other markets which have ordered heavily here for their needs on that occasion, the event is not to any extent reflected in any special activity. Spring bulbous flowers are no longer a predominating feature and will soon take their departure for this season and maybe a longer period. The supply of roses and carnations is very heavy in all varieties and qualities. Large shipments of outdoor garden bloom are further encumbering the wholesale district.

"Lilac week, Bar-
PHILADELPHIA num circus week.

Liberty Bond week, is it any wonder there's a mess around here!" This from Bill Moore, who is in charge of the surplus sales at one of our big wholesale markets here, tells the tale succinctly in a few words. But this was the middle of the week and things picked up a bit later and by Friday and Saturday "the mess" had largely disappeared. Crops are abundant and fine on American Beauty, Russell, Ophelia and other roses with prices ruling about the same as last reported. Carnations are about as satisfactory as anything and holding their own well. Lots of sweet peas, many of them soft and not very salable. Weather too damp.

(Continued on page 471)

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 28th St., NEW YORK
Telephone: 5200, 5201, Madison Square.

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Wholesale Florist

107 W. 28th Street, NEW YORK

Telephone 5335, Farragut

Call and inspect the Best Establishment
in the Wholesale Flower District.

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WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments Solicited

Phone Farragut 4336

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Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
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Wholesale Commission

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WHOLESALE FLORIST

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CONSIGNMENTS SOLICITED

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THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

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ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

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Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 13-3510 Madison Square

MAURICE L. GLASS, Treasurer

Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

	Last Part of Week ending May 4 1918		First Part of Week beginning May 6 1918	
American Beauty, Special	10.00	to 25.00	10.00	to 20.00
" " Fancy and Extra	8.00	to 20.00	6.00	to 8.00
" " No. 1 and culls	1.00	to 4.00	.50	to 4.00
Russell, Euler, Mock	1.00	to 8.00	.50	to 8.00
Hadley	2.00	to 30.00	1.00	to 25.00
Arenberg, Hoosier Beauty	1.00	to 6.00	.50	to 6.00
Ward	1.00	to 6.00	.50	to 6.00
Killarney, Radiance, Taft	1.00	to 6.00	.50	to 6.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	.50	to 8.00
Key	1.00	to 8.00	.50	to 8.00
Carnations .....	.50	to 2.00	.50	to 2.00

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—5532-3533 Madison Square

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5591.

N. Y. FLORISTS' SUPPLY
COMPANY, Inc.

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

H. BAYERSDORFER & CO.

Manufacturers and Importers

1129 Arch St., PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY
HOUSE OF AMERICA

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 197, 198, 199 Farragut

Consignments Solicited

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our

Artificial Designs, Baskets, Wire Work & Novelties

and are dealers in

Decorative Glassware, Growers and

Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 469)

Business has been moderately good with supply about normal, with the exception of roses which are in heavy cut. There are quantities of out-door flowers and consequently bulbous stock is not selling so fast. Carnations are of good quality and the supply is cleaned up daily. Callas and lilies are both plentiful. Sweet peas and calendulas are abundant and slow. Spanish iris are in good demand. Lily of the valley sells well. Funeral work has been somewhat heavy during the past week and a few small but good weddings have helped to clean up stock.

Stock is increasing in **ST. LOUIS** supply but carnations are still held at high prices on account of Mother's Day, which is a mistake. Sweet peas are arriving in large quantities, but this supply will not be of long duration if warm weather continues. Roses open up rapidly.

All flowers with the exception of sweet peas sold up well last week. Business has continued good and out of town retailers have been calling on local growers and wholesalers for large quantities of flowers. Lilies are in good supply but do not move well. Roses and carnations are good and orders for the latter for Mothers' Day are being placed at \$10 and \$12. A few days of warm weather will swamp the market with sweet peas. Good lilac blooms are offered. Mignonette is over plentiful.

VISITORS' REGISTER.

Boston—Winfred Rolker, New York.
New York—Patrick Welch, Boston.
Meadville, Pa.—Miss Elizabeth Wilson, Rochester, N. Y.

St. Louis, Mo.—Paul Berkowitz, of H. Bayersdorfer & Co., Phila., Pa.

Philadelphia—Hugh M. Taylor, watermelon grower, Lloyd, Fla.; C. Fleeger, Sluis' Seed Store, Chicago, Ill.; E. Bovey, Greenville Floral Co., Greenville, S. C.

Cincinnati—Mr. Bauer, now in the service, Bristol, Tenn.; H. M. Gregory, Sabina, O.; Mr. and Mrs. W. G. Matthews, Dayton, O.; Sam Seligman, New York.

Washington—Alexander Adler, New York; Lieut. Ernest G. Heinrici, U. S. N. R. F., Tacoma, Wash.; Corp. J. LeRoy Berglund, formerly of Bobbink & Atkins, Rutherford, N. J., and Private Jimmie Cavanaugh, both of Company D, 102d Ry. Engineers, stationed at Camp Humphreys, Belvoir, Va.; Ernest Hoehl, S. S. Skidelsky, and Edward J. Fancourt, of S. S. Pennock Company, Phila.

Chicago—Herman Rogers, with Gust. A. Taepke, Detroit, Mich.; H. Marquart, with E. Welke Co., Milwaukee, Wis.; Mr. and Mrs. Chas. J. Graham, Cleveland, Ohio; C. W. Scott, N. Y. representative of the Yokohama Nursery Co.; M. Rochlin, Sioux City, Iowa. Geo. McCullum, Pittsburg, Pa.; Wm. Roepke, of the Roepke Floral Co., Indianapolis, Ind.; Milton Alexander, New York; H. N. Burt, Jackson,

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3068

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending May 4 1918		First Part of Week beginning May 6 1918	
Cattleyas	25.00	to 35.00	15.00	to 25.00
Lilies, Longiflorum	3.00	to 5.00	2.00	to 4.00
Lilies, Speciosum	2.00	to 5.00	3.00	to 4.00
Iris	4.00	to 10.00	4.00	to 8.00
Callas	6.00	to 8.00	4.00	to 8.00
Lily of the Valley	2.00	to 5.00	1.00	to 6.00
Snopdragons	8.00	to 8.00	2.00	to 6.00
Gladioli	.....	to	2.00	to 8.00
Pansies	.25	to .50	.25	to .50
Daftodils	1.00	to 2.00	.25	to 1.50
Tulips	1.00	to 2.00	1.00	to 2.00
Calendula	1.00	to 2.00	.50	to 2.00
Stocks	1.00	to 2.00	.25	to 1.00
Wall Flowers	1.00	to 2.00	.....	to
Mignonette	1.00	to 3.00	1.00	to 4.00
Sweet Peas	.25	to 1.50	.25	to 1.00
Marguerites	.50	to 2.00	.35	to 1.50
Gardenias	8.00	to 25.00	4.00	to 15.00
Adiantum	.25	to 1.00	.25	to 1.00
Smilax	12.00	to 15.00	10.00	to 15.00
Asparagus Plumosus, & Spreng (100 bunches)	8.00	to 20.00	8.00	to 20.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

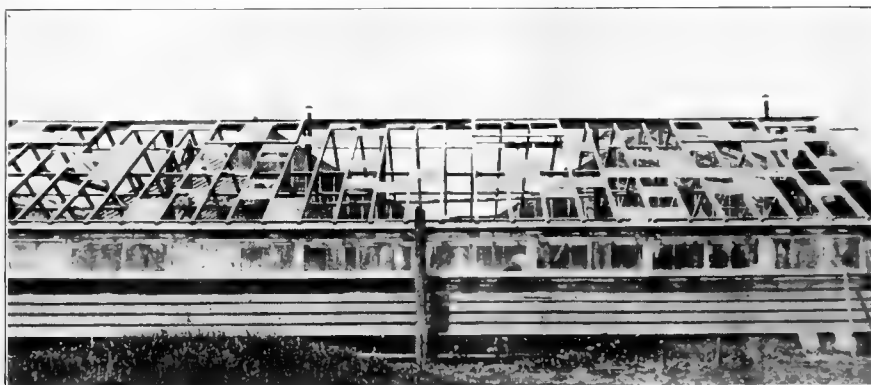
Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

HAIL IN TEXAS.



The above is from a photograph of the houses of F. C. Suchy of San Antonio, Texas, after the hailstorm of

April 5th. Mr. Suchy was partially insured in the Florists' Hail Association.

Mich.: Mr. Eischen of the Duluth Floral Co., Duluth, Minn.

NEW FLOWER STORES.

Fort Dodge, Ia.—Elmer Nordwall, Snell Bldg.

Brooklyn, N. Y.—Chas. Abrams, Livingston street.

New Haven, Ct.—John McQuiggan, 123 Church street.

Peoria, Ill.—C. Loveridge, removed to 423 Main street.

Kalamazoo, Mich.—H. L. Smith, succeeding Erb & Erb.

Yonkers, N. Y.—New York Floral Company, 2 Main street.

New York, N. Y.—Penarites & Doninas, 3201 Third avenue.

North Cambridge, Mass.—B. J. Macklin, 1854 Massachusetts avenue.

Philadelphia, Pa.—Clarence U. Liggett, 325 Bulletin Building (wholesale).

Scranton, Pa.—Mrs. Annie Griffiths, removed to Main avenue and Jackson street. Vanston Floral Co., Main avenue.

CHICAGO'S BOND RECORD.

The close of the campaign for the Third Liberty Loan shows the results among the florists and allied trades in Chicago as follows:

Wholesale	\$103,550.00
Seedsmen	80,950.00
Nurserymen	36,800.00
Retail Florists	45,300.00
Total	\$275,000.00

LOCAL AND GENERAL NEWS

BOSTON.

It has been proposed by the Massachusetts Horticultural Society that they will use the room at Horticultural Hall as a public market for the sale of garden produce.

The Massachusetts Horticultural Society, in conjunction with the Forestry Society, Massachusetts Audubon Society, Bureau of Horticulture, Suffolk County Home Garden Club and the State Board of Agriculture has opened an information center at Horticultural Hall.

James B. Shea, acting chairman of the Park and Recreation Commission, will spend for the upkeep of 150 parks, playgrounds and open squares \$928,245 for the coming year. Franklin Park Zoo, the City Point Aquarium, Public Garden, the Fenway, Olmstead Park and Boston Common are included. This department employs 771 men and women.

The Massachusetts Horticultural Society is to continue its meetings in the interest of increased food production throughout the summer months. On Tuesday and Saturday of this week, afternoon and evening, there were given, in Horticultural Hall, practical demonstrations of seed-planting and the transplanting of small plants. Robert Cameron, superintendent of the Botanic Garden, and James Warr, the society's gardener, dispensed instruction on these subjects with a plot of earth for practical illustration.

A meeting of local carnation growers including the president and two of the directors of the American Carnation Society was held at the Flower Exchange on Wednesday afternoon, May 8, to discuss the bearing of the recent fuel order upon the carnation business and talk over the interests of the society and its members with reference to the immediate future. There were present C. S. Strout, S. J. Goddard, Peter Fisher, M. A. Patten, A. A. Pembroke and W. D. Howard. Increased activity on behalf of the divine flower and its welfare commercially is indicated for the time from now on until the annual meeting of the A. C. S. in Cleveland next January.

W. N. Craig was one of the principal speakers at a public meeting in Horticultural Hall last Thursday night, held for the purpose of emphasizing the importance of making war gardens. He stated that 50,000 freight cars and 100 ships will be released for war transportation if the American people will enlarge and increase their garden this year. There is nothing in the theory that the land of New England is worn out and not worth cultivating. He declared there is no such thing as wornout land. Suffolk County Food Administrator O'Connell warned food hoarders that the Government has its eye upon them and will soon call for an explanation of their acts. He discounted the report that there will be a scarcity of sugar for canning purposes this fall. W. L. French of Washington, representative of the National

War Garden Commission, promised the full co-operation of his organization with individual and community efforts at raising food supplies. The large hall was filled with men and women, and many boys and girls were among the audience.

WASHINGTON, D. C.

Proposals are being invited by the General Supply Committee, for opening in this city at 2 o'clock, Saturday, May 25, for specified varieties of forage seed, also thistle and sunflower, for use by the various Government departments and field services to be designated. Bidders are required to submit proposals on the supply of these seeds in varying quantities. List and specifications may be had on application.

One of the brightest spots in war-busy Washington promises to be the Brookland rose show for which the tentative date of May 22 has been set. The rules governing the exhibit are based on the regulations laid down by the American Rose Society for such events. The Brookland Rose Society is affiliated with the American Rose Society and Washington members of the latter, as well as those members in the nearby States, have been invited to attend.

This year an admission fee of ten cents is to be charged. From the fund thus acquired running expenses will be paid and the balance donated to the American Red Cross and the Catholic War Relief unit.

George C. Shaffer has been appointed chairman of the publicity committee of the Florists' Club and requested to draw up plans for co-operative advertising, the cost of which is borne by the members of the various branches of the trade.

During April, additional to the regular monthly meeting, two special meetings were held, at the second of which was discussed in detail the provisions of the new Fuel Administration order, and the following resolution was adopted:

RESOLVED, That it is the sense of this meeting that the florists of the District of Columbia co-operate in every way possible with the Fuel Administration, concurring in the proposed fifty per cent. regulation for the conservation of the fuel supply of the United States, moved by a patriotic desire to do everything possible to aid in the winning of the war.

ST. LOUIS.

The St. Louis S. A. F. headquarters are now on the second floor at Wm. C. Smith's establishment.

The St. Louis Florist Club met at Wm. C. Smith's Wholesale Floral Co. on Thursday, May 9th.

Otto Sander's new store on Seventh street is very attractive. Another very spacious and handsome refrigerator has been added.

Cincinnati. -Mrs. Thaden, who has returned from a visit to her son Herbert, who is in the aviation service and was injured recently, states that his condition is very much improved.

CHICAGO.

Mr. Schwartz in charge of the Barnard Co.'s place at Tracy, Ill., for many years was accidentally killed in Chicago, May 7th, at 8 a. m.

Ernest Farley who, for so young a man, has spent many years in the wholesale market, has heard the call of the west and leaves Chicago in a few days.

M. Rochlin, retail florist of Sioux City, Iowa, is here on business, a part of which is securing stock for Mothers' Day. Mr. Rochlin says business in general has been good in his city.

The Chicago Florists' Bowling Team will take part in the Patriotic Tournament, May 31st, at Kaad's Alleys. The affair is a benefit for the Camp Grant Alleys and billiard tables for the soldiers.

Mr. and Mrs. Chas. Maier, 4106 Armitage avenue, have the sympathy of the trade in the loss of their only child, a little daughter eight years old, who died from appendicitis. The funeral was last Monday.

The American Bulb Co. are finding their retail trade very good at this time. A. Miller, president of the Company, is on a business trip in the east. The shipping department has been busy getting out orders for caladiums, gladioli, etc., for some time and report a very good season.

Miss Groth, the artistic designer of many of the novelties offered by Pohlmann Bros. Co., has a new flower holder with two-inch metal liberty bell attractively mounted on a six by nine card, designed like the front of a building, in the top of which is suspended the liberty bell. It appeals to the patriotism of the people and the trade is quick to appreciate it. The flowers, whose stems are in the container at the back, rise above and form a background for the bell.

ROCHESTER, N. Y.

Thomas H. McGuire of the New York Central greenhouses in Batavia, N. Y., is getting 71,000 plants ready to distribute to station yards on the entire system.

George Boucher is making a prominent feature of vegetable seeds on the East Avenue side of his store. He has been distributing some very attractive folders for Mother's Day among his patrons.

County Fuel Administrator Mortimer R. Miller has notified all proprietors of greenhouses in this district that they must reduce their fuel consumption 50 per cent. Many truck gardeners and flower growers are affected.

At Highland Park the rhododendrons were badly injured and much of the California privet has been killed. An entire row of Dorothy Perkins, Lady Gay and Farquhar roses were so badly damaged it was necessary to cut them to the ground.

War conditions threaten the nursery business, nurserymen finding it extremely difficult to get seedlings to



THE PFALTZGRAFF POTTERY CO., York, Pa.

Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.

WE LEAD IN QUALITY, FINISH AND SERVICE

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AUGUST ROLKER & SONS, 51 Barclay Street, NEW YORK CITY

Our Selling Agents in N. Y., N. J. and Eastern States Territory

plant this season and plantings will be greatly curtailed. So few fruit trees are being bought this year that in some cases orchards are being rooted out in order that the land may be available for other crops. The agents find that practically the only business left is in ornamental trees and shrubs and there is also a falling off in these owing to the lack of new building or the laying out of new grounds. One local firm had 90,000 rose seedlings frozen on the docks in New York, the stock being a complete loss.

PITTSBURGH.

Samuel Geddis has disposed of his business in Oakland and entered the employ of the Alpha Floral Co., in East Liberty.

Word was received from Frank Smoller last week saying he was about to sail for France. Mr. Smoller, who was assistant to Walter A. Faulk, went to Camp Hancock, Augusta, Ga., last August.

Edward Shelton James has been engaged as manager of the flower shop in the William Penn Hotel in addition to his management of the Service House roof greenhouse for the William Penn and Fort Pitt Hotels.

Peter Matsukes has relinquished his Athens Flower Shop in East Liberty for a position with the Westinghouse electric interests. His brother, John Matsukes, is now with the Liberty Florists on Frankstown avenue.

WANTS, FOR SALE, Etc.

HELP WANTED

WANTED—Young man as assistant in park garden work. Address "J. J.," care HORTICULTURE.

WANTED: A gardener as second man to work in a commercial place. Hours, 7.30-5.00. Wages, \$3.00 per day. Half-day off Saturday in summer months. F. E. PALMER, INC., 220 Washington St., Brookline, Mass.

SITUATIONS WANTED

WANTED—An all around man for Carnation section and general line of stock. Wages \$25.00 per week. Also young man willing to learn all branches of the trade; \$18.00 per week. Must be good workers. State full particulars in first letter. P. M. OLM, Bath, Maine.

FOR SALE

FOR SALE—A splendid opportunity. A well established nursery and florist business in prosperous city in eastern Massachusetts. 40,000 ft. glass. 25 acres nursery well stocked with standard evergreen and deciduous material. No near competitor. Illness only reason for selling. Address

Louis Kenner is assisting M. F. Stafford at his store on Smithfield street. Mr. Stafford's neighbor, The Fox Flower Shop, has been eliminated, the owners retaining only their holdings in the Jenkins' Arcade Shop.

Spiro Kapp was called to his home in Minneapolis, Minn., last week to be examined for the Government selective draft. Mr. Kapp is manager of M. Kronis' flower shop in the East Liberty station (P. R. R.) Mr. Kronis has also lost Abraham Kleinberg, of his Alpha Floral Company. Mr. Kleinberg, who is a native of Portugal, was considered one of the most artistic designers in the city.

Cambridge

New York



WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.
Cambridge, Mass.

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Advertisements in this Department, Ten Cents a Line, Net

ASTERS.

ASTERS—HENDERSON'S INVINCIBLE.
One of the finest for cut flowers. White, Shell Pink, Rose, Lavender and Purple. Strong plants. \$5.00 per 1000, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATIONS

Ready now to field. Fine for you far northern florists. 3,000 pot (2½ inch) Carnations, Matchless, Beacon, Alice, Enchantress, Enchantress Supreme, \$20 per 1,000, cash. I. M. RAYNER, Greenport, N. Y.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

FINE CLEAN STOCK OF BEST KINDS for Florists use. Send us list of wants. Catalogue free. ELMER D. SMITH & CO., Adrian, Mich.

Special to Clear Bench Room: 5,000 Harvard Crimson 'Mums, \$15 per 1,000. Strong. Cash. I. M. RAYNER, Greenport, N. Y.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker. Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa. Large breeding pairs for sale. Send for price list.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PANSY PLANTS

200,000 large stocky September-transplanted field-grown blooming pansy plants. Superb Strain, all salable stock. Satisfaction guaranteed. \$1.35 per 100, \$12.50 per 1000. Ready now. Cash with order. BRILL CELERY GARDENS, Kalamazoo, Mich.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

ROSES, CANNAS AND SHRUBS.
THE CONARD & JONES COMPANY,
WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

VEGETABLE PLANTS

2¼ inch, well established, Early Jewell, Dwarf Champion, George Baer, Stone, shipped in 2¼ inch paper pots. Price \$2.50 per 100, \$22.50 per 1000. Cash with order. GEORGE H. WALKER, No. Dighton, Mass.

Golden Self-Blanching (French Strain). Also the grand new Easy Blanching, which is easy to grow, fine plants, ready for the field, \$2.00 per 1000, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

4,000,000 Cabbage, Cauliflower, Tomato and Celery plants. Field grown and potted. List free. F. W. ROCHELLE & SONS, Chester, New Jersey.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

PINO-LYPTOL

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THE VERY NEWEST AND QUICKEST METHOD OF DESTROYING WEEDS, GRASS AND OTHER GROWTH IN GARDEN WALKS, CUTTERS, TENNIS COURTS, DRIVEWAYS, ETC.

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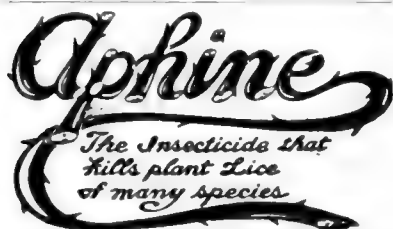
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PHILADELPHIA.

We had a pleasant visit this week from C. H. Rones, late of Jamestown, N. Y., late of Seattle, Wash., now in the U. S. Government service as time keeper in Philadelphia. He goes to Columbus, O., next week in a similar capacity. He was succeeded at Jamestown by the late Lawrence Cotter.

J. Otto Thilow, of Dreer's, garden expert, will answer any questions which the readers of *The Evening Telegraph* send to him. He wants to help make war gardens a success, and any question which amateurs have will be answered in this column daily. Address him at *The Evening Telegraph*.—Announcement in *The Evening Telegraph*.



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NIAGARA FALLS, ONT.

On May 3 to 5 there was a flower show here in City Hall for the benefit of the Red Cross.

F. Dawson, horticultural foreman at Queen Victoria Park, left on May 1 for London, Ontario, to take up his new work as superintendent of parks. Before leaving Mr. Dawson was pleasantly surprised at the Administration building by the staff and workmen who presented him with a handsome leather easy chair as a token of their esteem, and entered their best wishes for him in his new work. H. J. Moore, chief gardener, spoke on behalf of the men who very much regret to lose Mr. Dawson, who has been their foreman for the past eight years.

NEWS NOTES.

New York, N. Y.—The Morris Nursery Company removed May 1st to 1123 Broadway.

Galva, Ia.—George F. Pierce has sold his greenhouses to Lawrence C. Johnson.

Lisbon, N. H.—Fred Snyder will go to Sunset Hill this week for the summer and will have the position of head gardener as he had last year.

Bangor, Me.—With the opening of the spring drive for increased planting and percentage of food production, G. S. Seavey & Son, market gardeners, have more than doubled their hot-bed and cold frame capacity for early plants, etc., and now have about two acres of land planted to "fine" crops. Preparations are being made to add another hot-house for early work. Mr. Seavey is ably assisted by his son, H. F. Seavey, a graduate of B. H. S., 1915, and who has taken the short courses in Horticulture and Agriculture at the University of Maine.

Lenox, Mass.—The order of the Federal Fuel Administrator relating to curtailing coal for use in greenhouses by one-half will have a tremendous effect on estates in the Berkshires. While the loss will be thousands of dollars in the value of plants and fruit trees, which will have to be sacrificed where there is no market, it will also mean the reduction of the number of employees on large properties by one-half or more. A number of the owners of the estates will close their greenhouses and discharge their men, allowing their large plants to remain idle until times are again normal. In Lenox and Stockbridge, besides the rarest plants and exotics, grapes, figs, peaches, nectarines and melons are grown under glass.



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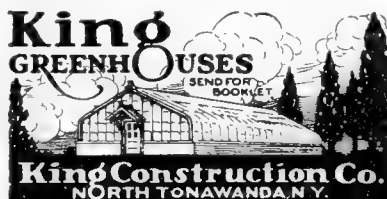
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Scranton, Pa.—Mrs. Anna Griffiths, King conservatory, completed.

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St. Louis, Mo.—J. R. Oughton, 1940 South Kings Highway, range of houses.

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Utica, N. Y.—W. R. Treen, Leeds street, has sold his greenhouses to William K. Dolber.

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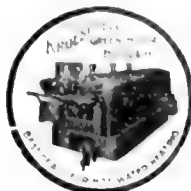
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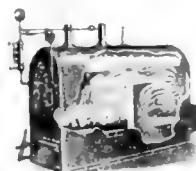
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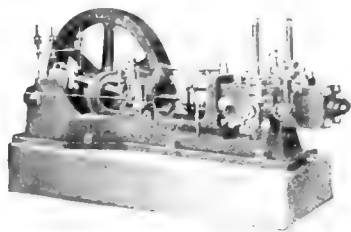
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Vol. XXVII

MAY 18, 1918

No. 20



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VEGETABLE CULTURE

CONDUCTED BY

John Johnson.

Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Asparagus

Asparagus is now in full bearing and must be cut systematically if the beds are to be kept in good shape. It is a great mistake to cut only the strongest heads leaving the thin spindly growths to develop haphazardly and thus exhaust the crowns. More asparagus beds are ruined by exhaustion than from all other causes put together, but the greatest danger in this respect is due to cutting too late in the season. Established beds in a healthy condition may be cut until about the middle of June as a general rule, but new plantations even though the crowns are vigorous should be allowed to grow untouched the first season. Most gardeners cease cutting when the first peas turn in, and this is a safe and commendable practice. When the top growth is allowed to run, support should be given to protect the plants against high winds. Fasten heavy twine to stout stakes driven in the ground at intervals of 20 ft. or so, and string it along either side of the row. This is a simple yet efficient way of giving what little support is necessary. Water the beds in dry weather and if an occasional dressing of fertilizer or of liquid manure can be afforded so much the better.

Potatoes

Cultivate frequently between the rows to destroy weeds and maintain good tilth. Draw a little soil up around the plants when they are four or five inches high and keep a sharp lookout for the potato bug. Arsenate of lead solution is the most effective remedy

for all chewing insects. This may be easily obtained in paste form together with full directions for using. Against potato blight and other fungoid diseases use Bordeaux mixture. The standard formula 5.5.50 is easily remembered. Dissolve 5 lbs. of copper sulphate by placing it in a sack of coarse cloth suspended over night in a wooden vessel containing 20 gals. of water. Slake 5 lbs. of quick lime until the lime crumbles to powder, then add water in greater quantity until a milk is produced. When cold and not before, add the lime water to the copper sulphate solution, using a strainer to remove gritty particles, and stirring violently during the process of mixing. Water should then be added up to 50 gallons and when properly made the solution should be a blue color. Bordeaux should be made afresh as required for use.

String Beans

String beans should now be planted in quantity. This crop is seldom allowed the amount of growing space it requires. Set the lines 3 feet apart from center to center. We open shallow drills on either side of the line and drop the seeds alternately in double rows. Overcrowding is a fault and when sown too thickly the plants should be thinned out early that they stand 6 inches apart in the rows. For the maintenance of a constant supply during the summer, sow every two weeks from now until the end of July. The pods should be picked before full size is attained as the plants are soon exhausted if allowed to carry pods to maturity.



Speed Up the Keynote

Doing business without advertising is like winking at a girl in the dark; you know what you are doing but nobody else does.

You are in the greatest business in the world, and why not let the public know it?

Here is the opportunity to start things moving by keeping up our National Publicity Campaign. Or, are you going to let it lag for want of contributions?

Do you want to be like the fellow winking in the dark, or do you want to keep your employees busy?

Send your contributions to John Young, 1170 Broadway, New York, and let several million people know that flowers are a commodity to be had, and that we have them.

The men who never spend a dollar to advertise wonder why the largest firms waste so much money. To which class do you belong?

Henry Benn

Chairman National Publicity Campaign.

HORTICULTURE

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MAY 18, 1918

NO. 20

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WM. J. STEWART, Editor and Manager
 Telephone, Beach 222

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According to opinions freely expressed by
Mothers' Day dealers who are in the best position to judge,
 the grave for Mothers' Day as originally in-
 tended, and insofar as its advantage to the
 florist business is concerned, is being rapidly dug.
 HORTICULTURE has never been able to discern perma-
 nent benefit to the flower trade in any propaganda, the
 invariable result of which means a sudden and often
 unreasonable kiting of market prices for a day or two.
 The trade is bound to lose heavily in the respect and
 support of the public every time this is attempted. The
 sharp inflation in price for white carnations as decided
 upon in advance in some central markets last week was

in no intelligent respect based upon the inexorable "law
 of supply and demand" but was apparently simply and
 solely due to the fact that "Mothers' Day" was to be
 observed. The summary punishment which fell upon
 those who held up their crops for days in speculative
 anticipation of big returns from such a policy was nothing
 to be surprised at. Only those who could not see
 because they would not see looked for anything different
 from what did happen as a consequence of their foolish
 policy. Yet, as usual, the penalty has to be paid by the
 innocent as well as the guilty. We are informed that
 Miss Jarvis, the originator of this Mothers' Day ob-
 servance, in her resentment because the florists' methods
 did not please her, spread broadcast over Pennsylvania
 an appeal to the people to observe the occasion by some
 patriotic contribution rather than by the purchase of
 flowers. And this is the woman for whose benefit the
 florists of the country were besought to subscribe a sub-
 stantial sum of money not long ago in grateful acknowl-
 edgment of their debt to her for having founded a new
 and great floral holiday! Yet, after all, considering
 the course of events, it is fair to admit that perhaps
 Miss Jarvis, from her angle of view, had a bit of justifi-
 cation for her counter attack. How can we expect the
 public to flock our way in response to our advice and
 plea to "Say it with Flowers" and then, as soon as they
 appear to be ready to do some "saying," give them the
 double cross?

The florists' good record

The creditable work carried out by the
 florists' organizations in the various
 business centres on behalf of the Third
 Liberty Loan, should be widely her-
 alded among the public, more especial-
 ly among war administration officials and in circles
 where there appears any sentiment unfavorable to the
 floricultural industries in the existing exigency. \$345,-
 000 worth of Liberty Bonds taken by the florists of
 Greater New York, \$275,000 worth by those of Chicago
 and almost as much in Philadelphia—\$850,000 for
 these three cities alone—is a mighty good record for a
 business which has had much to bear in the way of ad-
 versity during the past year. Forced to meet great
 financial hazards by reason of failure to get their ac-
 customed supplies of plants and bulbs from abroad,
 heavy losses from goods delayed and ruined by freezing
 in transit, impossibility to get fuel to keep their green-
 houses in operation and, perhaps most hurtful of all,
 the countrywide propaganda against the use of flowers
 for any purpose during the war period—all these
 things have borne hard on the florists, in addition to
 their proportionate share in the general burdens of
 taxation, increased cost of labor and high cost of living
 generally. So we say the public should have these facts
 spread before them at every opportunity, that when
 prejudicial influences attempt to operate, the people
 may have in their hearts a just appreciation of the flor-
 ists' importance and worth as a patriotic participant in
 every movement to bring the war to a speedy and vic-
 torious conclusion. The florist trade has sent its best
 young men in great numbers to the front, it has given
 most liberally to every humane agency, and the hospitals
 at home and abroad can testify to the immeasurable
 helpfulness of the flowers which the florists are at all
 times so willing to give. Public opinion should be so
 molded that any exceptional interference with the
 flower industry will be regarded as an ill-advised dis-
 crimination, almost in the nature of a crime against
 humanity.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

The Publicity Campaign

The secretary in the week just passed completed an initiative trip among the florists to stimulate interest in the Campaign. His objective point was Pittsburgh, where he found the florists in a very receptive mood, and well organized through their recently formed Association of retailers.

In company with Chairman George Asmus of the Publicity Finance Committee, who was invited to speak at the banquet of the Retail Florists' Association of the Pittsburgh district, to be held at the Seventh Ave. Hotel on the evening of May 7, the secretary attended the banquet. Mr. Asmus made a stirring address, dealing with the Publicity Campaign in all its phases. The secretary also spoke, mainly detailing the service of the Promotion Bureau.

The secretary is pleased to report that several new members of the S. A. F. & O. H. were obtained in Pittsburgh, three taking out life memberships. The subscriptions to the Publicity Campaign Fund amounted to upwards of \$400.00 most of them annual subscrip-

tions for the four year period of the Campaign.

The secretary takes this opportunity to express his thanks for courtesies extended to him by the trade while in Pittsburgh, and his great appreciation of the especial services rendered his work by S. McClements and B. A. Elliott.

The Promotion Bureau has sent out a number of electrotypes and lantern slides featuring Mother's Day. It should be borne in mind that neither slides nor electrotypes bear any dates, consequently they are good for use indefinitely. Orders for booklets, signs, both glass and transfer, and stickers 2 in. to 6 in. long are now available for immediate shipment. All these will do better service among the florists than in the secretary's office, so it is hoped that those who have not yet taken any of these service aids will put in requests for them right away. The slogan "Say it with Flowers" cannot be seen too much, and every time it attracts attention its message goes home.

The following subscriptions are recorded for the week:

Annually for Four Years—Emil Wilther, Louisville, Ky., \$2; Louis Kirch, Louisville, Ky., \$3; Kentucky Society of Florists, Louisville, Ky., \$50; H. Kleinstarink, Louisville, Ky., \$25; Leo Zoeller, Louisville, Ky., \$1.25; J. F. Link, Louisville, Ky., \$2.50; Aug. R. Baumer, Louisville, Ky., \$25; Jacob Schulz Co., Louisville, Ky., \$25; Mrs. M. D. Reimers, Louisville, Ky., \$20; Henry Fuchs, Louisville, Ky., \$5; W. E. F. Weber, Sault Ste Marie, Mich., \$2.50; Chas. A. Samuelson, Chicago, Ill., \$25; Henkes Bros., Watervleit, N. Y., \$10; H. B. Hazeltine, Albany, N. Y., \$5; J. E. Yates, Champaign, Ill., \$5; John W. Scott, Lisbon, O., \$5; Electric City Conservatory, Great Falls, Mont., \$5; H. Clay Primrose, Loudon Nurseries, Irvington, Baltimore, Md., \$10; Saginaw Bay City Floricultural Society, Bay City, Mich., \$25.

For One Year—Jos. G. Neidinger Co., Philadelphia, Pa., \$100.

Through the Retail Florists' Association of the Pittsburgh District: Wm. M. Turner, Wilkinsburg, Pa., \$25; Wm. F. Drewes, Braddock, Pa., \$10; P. S. Randolph & Sons, Verona, Pa., \$25; A. Krongold, Victoria Flower Shop, Pittsburgh, Pa., \$5; John Bader Co., N. S. Pittsburgh, Pa., \$50; Randolph & McClements, Pittsburgh, Pa., \$100; F. H. Reigelmeier, Pittsburgh, Pa., \$10; G. Wassenauer, Sewickley, Pa., \$5; T. Malbranck, Johnstown, Pa., \$50; Miss Emma B. Maxwell, Wilkinsburg, Pa., \$25; G. P. Weaklen Co., Pittsburgh, Pa., \$10.

For One Year—Mrs. E. A. Williams, Pittsburgh, Pa., \$100; Harris Bros., Pittsburgh, Pa., \$5.

Total, \$71.25. Previously reported from all sources, \$33,759.00. Grand total, \$34,530.25.

JOHN YOUNG, Secretary.

1170 Broadway, New York,
May 11, 1918.

Another Flower Day, Friday, May 24

To give encouragement to the Italian forces, and as one of the nations allied with us in the great world war which has had little or no sympathetic recognition in America such as has been accorded to other nations, the various war leagues of national character have organized to observe Friday, May 24 next, as Italy-America Flower Day.

On this day everybody is requested to wear red and white flowers, with foliage, or flowers with red, white and green ribbon.

Florists' Help Asked.

The movement is sponsored by the Italy-America Society, 165 Broadway, New York, Judge Charles Evans Hughes, president. Francis Markoe is chairman of the flower committee. This committee with the co-operation of the various leagues and societies prominent in the movement have called upon their local branches in 2000 cities and towns to exert their influence to collect at these different points supplies of flowers, and to undertake their distribution.

Mr. Markoe, at the solicitation of the bodies working with him has requested the Secretary of the S. A. F. & O. H. to enlist the services of the florists in all these towns to take care of the flowers which the branch organizations will collect, and have them ready for the time of distribution. In other words, the florists are asked to consider their places of business as collection depots for the occasion, acting with the workers of the local organizations. *No donations of flowers are asked, simply co-operation in the work of collection.*

This request is laid before the trade in the belief that all florists will be willing to lend assistance as desired, and will act with the representatives of their local organizations if called upon to do so.

The leagues in charge of the movement are as follows:

Girls Friendly Society, American Fund for French Wounded, Fatherless Children of France Fund, National Special Aid Society, National League for Women's Service, The American Commission for Devastated France, The Italian Red Cross, The Italian Chapter of the American Red Cross,

National Girl Scouts, The Garden Clubs of America.

Other organizations are being daily added to this list.

JOHN YOUNG, Sec. S. A. F.

A conference is being arranged by Wm. F. Gude for S. A. F. officials and Coal Administrator at Washington, Monday, May 27. Conference to be open to anyone interested.

JOHN YOUNG, Secretary.

A MISCHIEVOUS STATEMENT.

Commenting on the recent order restricting the consumption of coal by florists to 50 per cent of their normal requirements and the expected rise in price of flowers as a result, the Bridgeport (Conn.) Telegram of May 8 says:

"Flowers are worn extensively by women in Bridgeport and at nearly every social affair, even at a card party, flowers are generally worn. This custom will probably be eliminated by the prices of next winter."

This is a very mischievous statement, which the florists of Bridgeport should lose no time in condemning as such

NEW YORK FLORISTS' CLUB

The New York Florists' Club had an exceptionally interesting and profitable meeting on Monday night, May 13. Two special speakers, both from the Bay State, were promised and there was a big audience present to greet them. These, together with some local addresses on timely topics, an unusually fine lot of exhibits, sufficed to hold the crowd spellbound until a few minutes before the midnight hour.

The session previous to the usual intermission for refreshments was devoted to routine business. Committee reports and an address full of pathos and touching appeal by F. R. Newbold, on behalf of the sick and wounded in the hospitals here and in France asking the members to "Say it with flowers for our boys" in co-operation with the American Red Cross and the Fund for the American Wounded in France, an organization which is doing an untold work in full accord with the Red Cross activities. The result of Mr. Newbold's plea was the appointment of a committee to establish and follow up a system of flower distribution on behalf of the florists of Greater New York, which it is hoped will speedily extend to every section of the United States, and an unanimous vote appropriating from the club funds the price of a Ford car for use by the hospital nurses in France in their work of mercy. The Horticultural Society of New York had made a similar appropriation for a car and others are expected.

Following the intermission Kenneth Gillett of Southwick, Mass., read a well written paper on the subject of Native Plants, describing their charming characteristics under cultivation and presenting in a convincing manner the attractiveness of special gardens devoted exclusively to the cultivation of the unsurpassed flora of our own country. He regretted the unfamiliarity of professional planters and the average garden owners with the native ferns and flowers and expressed the belief that the near future would see a much greater popular interest in this class of plants, which is capable of yielding so much pleasure.

Wm. H. Elliott of Boston, Mass., and Madbury, N. H., spoke on The Greenhouse Business in War Time, touching on the many serious problems that confront the commercial florist at the present time and in his planning for the future, giving attention principally to the all-important fuel question as affected by recent official rulings and orders. Mr. Elliott advanced the view that the restriction to 50 per cent of the greenhouse man's normal supply of coal is unintentionally unfair in that it compels him to stand for more than his proportionate share of the cost of the war, but that an eventual benefit will undoubtedly accrue to the business as a whole from the enforcement of this rule and that

in fact it would be rather in the nature of a misfortune to the business as a whole if the greenhouses could have all the coal they wanted under the present situation and outlook. Mr. Elliott stated in regard to the mooted question of the florists' right to use wood without restriction if growing on his own premises that he had been assured by the New England administrator that there would be no interference. He said that a desperate struggle is on in New England territory between the coal dealers and the fuel administration, the former with a tremendous wealth and power back of them, apparently having the best of it thus far, and the florist is thus placed "between the devil and the deep sea." He declared that a rose house run at 48 degrees will save one half of the coal required to hold it at 60 degrees and that in a tryout of this he had in the past season taken more money out of a White Killarney house so conducted. He urged more careful firing and that much saving can be effected by a thorough cleaning of boiler tubes and by carrying over the old roses in place of replanting with young stock.

Among the gentlemen who followed Mr. Elliott in discussion was Wallace R. Pierson, who felt that if the florists could only get their fuel allowance increased to 70 per cent instead of 50 per cent they could get along all right and, with the better market values and the improved business methods forced upon the trade, the outcome could not be other than satisfactory. F. R. Pierson took a somewhat optimistic view of the situation. He had been convinced that the florists would be obliged to get along with a reduced coal supply but the man having only one house cannot possibly operate on a 50 per cent limit.

There was a superb exhibition of lilacs from the T. A. Havemeyer estate at Brookville, Long Island, Albert Lahodney, superintendent. It was commented upon as the finest ever shown in the club room. Among the varieties shown were the following named:

Rene Jery Desloges, Maccostatacia, Pres. Emile Galle, Comtesse Horace de Choiseux, Danton, Charles Joly, Toussaint L'Overture, Othello, Dr. Trozanowsky, Reaumur, Miss E. Willmott, Pres. Viger, Mme. F. Morel, Pres. Laubert, Edmund Boisier, Duc de Masse, Avalanche, Vulcan, Mme. Ant. Buchner, Negro, Mongolier, Marechal Bassonpiere, Maximowicz, Jules Ferry, Abel Carriere, Pasteur, Montigne, Waldeck Roisseau, Nos. 68, 106, 151, 122 and 114, the latter apparently being unnamed seedlings. This exhibit was awarded a silver medal.

P. W. Popp, gardener for Mrs. H. Darlington, made a remarkable display of Darwin, May flowering and Breeder tulips, comprising about one hundred varieties, all named, for which he was awarded a silver medal, also honorable mention for some lilacs and for an exhibit of splendid

lilies, a strain of New England origin of which R. J. Irwin controls the sale. James Stuart, superintendent for Mrs. F. A. Constable, was given a cultural certificate for some excellent plants of Calceolaria Stewartii strain in several colors and Redman & Sons, Brooklyn, got honorable mention for calceolarias.

President Schenck reported that the sale of Liberty Bonds to the florists of Greater New York amounted to \$367,750. C. B. Weathered made a partial report for the Flower Show committee showing total receipts of \$31,000 and a profit over all of about \$600. A. Herrington read an eloquently worded resolution for the committee on the death of J. Harrison Dick, and C. H. Totty reported a contribution of over \$600 by members of the club for the benefit of Mr. Dick's widow and child.

Some very interesting and pertinent remarks were made by Winfred Rolker, James McHutchinson, Wallace R. Pierson, Patrick O'Mara and others regarding the proposed total exclusion of all plants having soil about the roots coming from foreign countries and the great importance of having the trade well represented at the hearing on this subject to be given in Washington on May 28. A. L. Miller reported for the special committee on transportation to the S. A. F. Convention in St. Louis that the Pennsylvania R. R. route was the preferred one, one-way fare to cost \$27.89. A committee was appointed to prepare resolutions on the death of J. B. McArdle.

MASSACHUSETTS HORTICULTURAL SOCIETY.

The annual May Exhibition of the Massachusetts Horticultural Society will be held at Horticultural Hall, Saturday and Sunday, May 18 and 19. The schedule calls for displays of spring flowering bulbs, irises, pansies, wild flowers, and early vegetables. In the classes for greenhouse plants a fine showing of calceolarias and pelargoniums is expected. The exhibition is free to the public and will be open from 12 to 6 on Saturday and from 1 to 6 on Sunday.

The Horticultural Society is devoting much effort this year to the encouragement of home vegetable gardens and to the increase of food production. A professional gardener, James Warr, has been engaged for the season to give instruction and answer questions on gardening matters. Mr. Warr will be in attendance every day at Horticultural Hall and all desiring information are invited to make use of the privilege offered. A plot of earth has been provided for practical demonstrations in preparing the garden, planting seeds, and transplanting. There will be also exhibits of garden implements, injurious insects and methods of their control, canning and drying vegetables, and beneficial birds.

WM. P. RICH, Secretary.
Horticultural Hall, Boston.



MEMORIAL DAY CARNATIONS

**American Beauties, Ophelia, Russell,
Hadley, Sunburst, White and
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Lilies, Hardy Ferns, Asparagus, Galax**

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WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

At the monthly meeting held in Greenwich, Conn., May 10, Robert Williamson, James Stuart and W. Sealey were appointed to act with the National Association of Gardeners' Service Bureau and George Baldwin was appointed as manager of the summer flower show which comes off on June 27-28, for the benefit of the Red Cross. Prize schedules will be issued at the next meeting June 14. Awards were made for *Calceolaria Stewartii* from Robert Williamson, 1st; *Laelio-Cattleya* from James Stuart, 2nd; lilacs from John Rutherford, 3rd; tulips from R. Williamson, highly commended; vote of thanks to A. Brown for sweet peas and Thomas Ryan for lily of the valley. In vegetables James Stuart took 1st and Thomas Ryan, 2nd. There will be three classes for strawberries at the next meeting. Many intimate friends are deeply grieved over the death of our late secretary, J. B. McArdle. James Stuart who has been secretary during Mr. McArdle's illness will continue in office until the next election of officers.

JACK CONROY, Cor. Secy.

FLORISTS' CLUB OF WASHINGTON, D. C.

May flowering and Cottage tulips were exhibited by G. E. Anderson, of Twin Oaks, at the May meeting of the Club. Mr. Anderson, in speaking of the flowers, stated he had planted fifty

bulbs and thirty of them produced multiple blooms from the stem, the stems being up to three feet in length. Otto Bauer exhibited Cottage tulips and a fine specimen *Cattleya Mossiae*. A scheme of co-operative local ad-

Meetings Next Week

Monday, May 20.

Detroit Florists' Club, Bemb Floral Hall, Detroit, Mich.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
New Jersey Floricultural Society, Orange, N. J.

New York Federation of Horticultural Societies and Floral Clubs, 1170 Broadway, New York City.

Tuesday, May 21.

Gardeners' and Florists' Club of Boston, Horticultural Hall, Boston, Mass.

Gardeners' and Florists' Club of Ontario, St. George's Hall, Toronto, Can.

Minnesota State Florists' Association, Minneapolis, Minn.

Pennsylvania Horticultural Society, Griffith Hall, Philadelphia, Pa.

Wednesday, May 22.

Oyster Bay Horticultural Society, Oyster Bay, N. Y.

Friday, May 24.

Connecticut Horticultural Society, County Bldg., Hartford, Conn.

Monmouth County Horticultural Society, Red Bank, N. J.

Pasadena Horticultural Society, Pasadena, Calif.

People's Park Cottage Gardeners' Association, Paterson, N. J.

Saturday, May 25.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

vertising whereby each member of the Club would pay a monthly assessment in proportion to the size of his business, was discussed. Early closing of stores during the summer months was also considered, but no action was taken. The local florists, according to thoughts expressed at this meeting, are ripe for a reduction in the service now being rendered to the public, which is causing great increases in the cost of doing business. Suggestions from one or two contemplated charging a fee for delivery of all purchases after a given hour.

NASSAU COUNTY, N. Y., HORTICULTURAL SOCIETY.

The May meeting of this society brought the largest attendance of the season. Awards on exhibits were Thomas Twigg, 1st for pansies, two 1sts and two 2nds on Darwin tulips; Ed. Harris, four 1st on Darwins; Jas. McDonald, two 1st on Cottage tulips; Frank Petrocchia, 1st for bulbous flowers and cultural certificate for asparagus; J. Mastroianni, cultural certificate for asparagus and thanks for vegetable display. M. C. Ebel spoke briefly on the activities of the National Association of Gardeners. The next meeting, June 12, will be Rose Night.

H. GOODBAND, Cor. Sec.

At the May meeting of the Rhode Island Horticultural Society at the Public Library, Providence, on Wednesday, May 15, J. Curtis Hopkins, Chepachet, R. I., lectured on the Summer Care of the Garden.

IMPORTANT NEW OR RARE TREES AND SHRUBS

(Continued from page 183)

Acer pictum, from Manchuria and Japan, has been in cultivation a number of years in this country. Two individuals in the Rochester Parks are 15-18 feet in height, and form handsome round-headed trees.

Acer ruhrnerv is a very handsome striped-barked Maple from Japan, bearing some resemblance to the North American striped-bark Maple.

Acer Pennsylvanicum. This Maple has been in cultivation for a number of years. It is still, however, a rare plant in the parks and gardens of this country. The three-lobed ample leaves, 4-6 inches long, are very ornamental.

Stewartia pseudo-camellia. The writer remembers very well seeing this handsome flowering shrub, or small tree, in bloom for the first time at Dosoris, Glen Cove, Long Island, twenty-nine years ago. This is a native of Japan, and although in cultivation for a good many years is still rare in gardens. The cup-shaped flowers, $2\frac{1}{2}$ to 3 inches across, bear some resemblance to a Camellia. The white petals are contrasted with a prominent cluster of orange-colored stamens. There are two American species, namely, *Stewartia Virginica*, which is tender in the North, and *Stewartia pentagyna*, which appears to be fairly hardy with us.

Acanthopanax ricinifolius. This handsome, hardy, large-foliaged tree from Japan presents a distinct appearance from all other hardy deciduous trees in this part of the world. The aspect is strictly sub-tropical. It is said to attain a height of 80 feet in Japan. As the specific name implies, the leaves bear a resemblance to the leaves of the Castor Oil plant. They have 5-7 lobes, and are 10-14 inches across. The leaf-stalks are 8-18 inches long. The branches and stems are beset with numerous stout prickles.

Cornus brachypoda is a very handsome cornel, a native of Japan and China. The leaves on young shoots are 7 inches long and 3 inches wide, elliptic in outline, with markedly long tapering points at the apex, deep green above, glaucous beneath, and supported on stout stalks $1\frac{1}{2}$ inches long. The showy white flower clusters bloom in July and are followed by clusters of bluish black fruit.

Cornus Bretschneideri is from Northern China, and has been in cultivation for some time, but is still a rare plant. The leaves are ovate elliptic, $4\frac{3}{4}$ inches long and 3 inches wide, somewhat rough on both sides, deep green above, pale below. The white flower clusters are quite showy and prominent about the end of June. The fruit is bluish black.

Cornus controversa is, perhaps, the largest growing of all the Dogwoods, and is said to be a tree 60 feet in height under native conditions. It is native of the Eastern Himalayas to Japan. In its branching habit it resembles the North American *Cornus alternifolia*, as the leaves and branches are alternate. The leaves, supported on reddish, slender stalks, are 4 to 5 inches long, $2\frac{1}{2}$ to 3 inches wide, elliptic in outline, deep green above and very pale beneath. The

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30x8x5	7.00	20x20x9	12.30
36x8x5	8.50	22x22x9	14.50
30x12x6	10.10		

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white, showy flower clusters open about the middle of June and are followed by bluish-black fruit.

Cornus Kousa, a native of Japan, is represented by a few good sized individuals in a few of the leading old estates in the northeastern states, but is still uncommon. The leaves are deep green above, pale beneath, $\frac{3}{4}$ inches long on very short stalks, or almost sessile. The blossoms very much resemble in general appearance those of *Cornus florida*, and are surrounded by showy, white bracts. *Cornus Kousa* flowers about one month later than *Cornus florida*. The flowers are followed by fleshy, connate, globular heads of showy red fruit, and quite different from those of *Cornus florida*.

Cornus Wilsoniana flowered in the Rochester Parks for the first time this year, and was in bloom July 2nd. It is said to attain a height of 40 feet under native conditions. The leaves are 3 or 4 inches long, glaucous beneath, and covered with adpressed white hairs. The flower clusters resemble somewhat those of *Cornus canadensis*. The fruit is said to be black.

Syringa Sweginzowii is one of the new species of Lilacs from Western China whose graceful beauty very much impressed us last spring. It is a free grower. The leaves are ovate, 2 to 4 inches long, rounded at the base. The loose, graceful flower clusters are white, and markedly tinged with pink.

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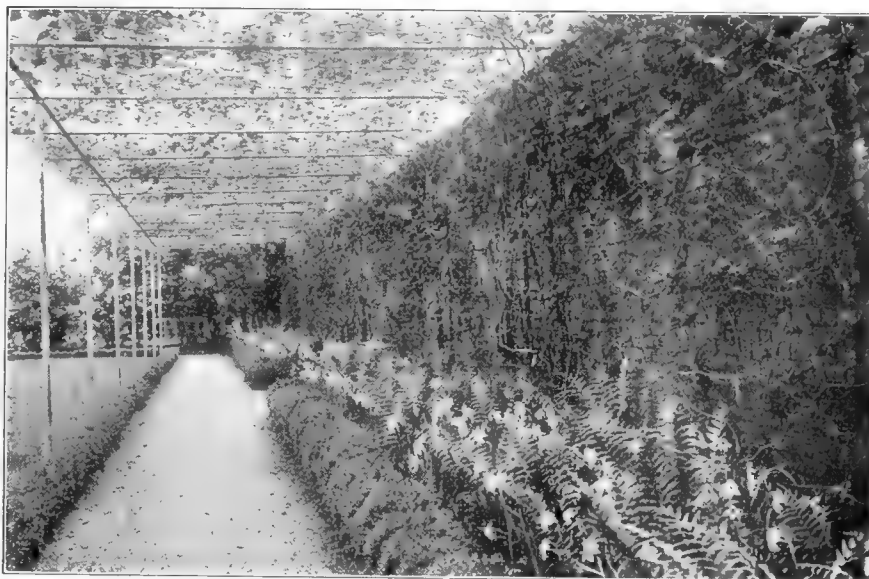
Among some of the new Lilac varieties and hybrids we mention a few that are meritorious.

Claude Bernard is a rapid grower, and has cluster of semi-double, clear maroon flowers, and is among the earliest to bloom. Diderot has single, compound, erect clusters of claret-purple flowers, roundish in outline. Emile Gentil bears thyrses of large size, with double, over-lapping flowers of a cobalt blue shade. Mont Blanc should become a popular Lilac. The single, large flowers are disposed in branched panicles, and are pure white. Good white Lilacs with large flowers are always in demand. Paul Thirion is a late double flowering Lilac, with upright panicles, and the blossoms imbricated. The color might be described as purple-rose, and the unfolding buds have a beautiful carmine tinge.

Lonicera Korolkovii, variety floribunda, is a gem. It is not new in this country, but is rare in gardens. It forms a wide, spreading, graceful head 6-8 feet in height and 12 feet in spread of branches. The leaves are light green or greyish green, elliptic in outline. The numerous light pink flowers in great profusion are very attractive about the first week in June.

Lonicera syringantha is a bush Honeysuckle that has been in cultivation for a good many years, but it is still rarely seen. It is usually upright in habit, with slender branches, and does not seem to exceed 4 or 5 feet in height. The small leaves are deep bluish-green. The blossoms are remarkably dainty, and are pale, rosy-lilac, with a pleasing fragrance. A variety of this species known as Wolfii is more beautiful than the type.

NARCISSUS AMONG FERNS.



Our illustration shows a somewhat novel use of narcissus among tender ferns as a spring adornment under a

garden arbor. The combination was very effective. The photograph was taken at Lancaster, Mass., at the Bayard Thayer residence.

NURSERYMEN DEMAND REDRESS.

A conference in reference to the shipment by express of nursery stock from this section was held at the rooms of the Chamber of Commerce, Geneva, N. Y., on May 2.

It was attended by representatives of the city with President W. W. Grant presiding. H. C. Haycock, of Buffalo, district superintendent of the American Express Company, was present in behalf of the express company, and heard the complaints of the nurserymen concerning delayed shipments as well as failure to call for the shipments after various requests had been made for wagons.

The complaint of the nurserymen is not a new one. In fact, it has been of long standing and an effort to remedy the trouble early this spring was made by a conference held by the Chamber of Commerce a few weeks ago. At that time some relief was promised and has been afforded but not enough to take care of the situation, as a result of which it is said, the nurserymen here have numerous claims for damages which they apparently are disposed to enforce.

Details of the manner of packing and shipping were gone over with some suggestions made that might be of mutual assistance. One of these was the weighing of shipments by the nurserymen instead of leaving the weighing to be done by the express company. The company said if the nursery firms would send their shipments to the trains all weighed they could be put direct in the cars where they could be checked up. This would avoid the rehandling of the goods and their weighing at the station, which consumed considerable time. This was agreed to by the nurserymen who will do this in the future.

Attorney W. Smith O'Brien was present representing some of the nurserymen and asked that a written statement be made by the representative of the express company as to just what relief might be expected. The inclination was to take the matter before the Public Service Commission unless assurances were satisfactory. Superintendent Haycock was quite inclined to do everything possible though the nurserymen on account of past experiences were disposed to be a bit skeptical as to results.

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Soldiers of the Soil.

The Maryland Council of Defense Women's Section Food Production Committee, have established a booth in Belgiano's Seed Store, Baltimore, Md., where pledges are accepted for the production of food to help win the War. In this way thousands of buyers and planters of seed are interviewed daily, and induced to pledge themselves to greater efforts in the production of food. The Pledge is "I pledge myself to do my bit, as a soldier of the soil, in Baltimore City during the year 1918, by planting a food garden in a backyard, on a vacant lot, or in a City Playground, or in a School Garden." A very attractive button is given to all those who pledge themselves, designating them as Soldiers of the Soil.

Seed Trade Notes.

The Wholesale Seedmen's League are holding their scheduled May meeting today (Thursday the 16th) inst in New York City.

Mrs. Don, wife of Lee Don of Weeber & Don, New York, has been dangerously ill at her home in Ridgewood, N. J., but we are happy to state that she seems now to be well on the way to full recovery.

PUBLICATIONS RECEIVED.

Leaflet No. 3, Series VI., of the Brooklyn, N. Y., Botanic Garden is devoted to an interesting and valuable account of the history and origin of our common garden vegetables by Orland E. White.

Transactions of the Massachusetts Horticultural Society for the year 1917, Part II. This contains the annual reports of the trustees and various committees and other officials of the Society, together with a list of members.

Annual Report for 1917 of the Forest Commissioner of Newton, Mass., "The Garden City of Massachusetts." A 54-page pamphlet containing much useful information on trees, their care, insects and diseases, etc. W. W. Colton is Forest Commissioner.

The Bulletin of the American Dahlia Society for March, 1918, just received, contains a feeling tribute to the memory of the late secretary, J. Harrison Dick; also a useful reference list of Dahlias of Merit at the Test Gardens, Geneva, N. Y.

J. B. Lippincott Co., Philadelphia, have just recently issued a new edition of Thomas' Practical Book of Outdoor Rose Growing, adding a number of new plates and much material



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and the price has been increased to \$6.00 net instead of \$4.00, which has been the price heretofore. A "Garden" edition of this work has recently been issued. The price is \$2.00 net, and it is proving very popular. Copies of either volume may be had at publisher's price from the office of HORTICULTURE.

Providence, R. I.—The Florists' and Gardeners' Club of Rhode Island, after an existence of almost a quarter of a century, voted at its meeting last week to disband and surrender its charter, because of lack of interest. The balance in the treasury is to be turned in to the tobacco fund for the soldiers at the front.

Glen Cove City, N. Y.—Mrs. Robert Gair, Jr., is at the head of a committee just organized in this city for the purpose of securing for the hospital grounds at Camp Upton a considerable quantity of plants, trees and shrubs to relieve the bareness which now prevails there. The grounds about the hospital, covering more than fifty acres, and the plots between the wards are so forlorn in appearance and unsightly that it is desirable to improve them as soon as possible. Already a number of residents of this city have offered to furnish trees, shrubs and flowering plants and from the numerous large country estates here it is expected to obtain many more.

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Lynn, Mass.—Leo Schmolck and Nellie Gertrude Torrant were married at the residence of Maj. Rev. W. F. Dusseault, Saturday evening. Mr. Schmolck is the gardener at City Hall.

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The Flower Shop (Joe Tuck's), 1616 2nd
Ave., Rock Island, Ill.
Bailey & Sons Co., 61 E. 2nd St. S., Salt
Lake City, Utah.
Hauser Floral Company, 109 Ave. D., San
Antonio, Texas.
Robert L. Dunn, 104 Queenston St., St.
Catherines, Ont.
C. E. Hubbard, 520 Kansas Ave., Topeka,
Kansas.

SEND ORDERS FOR BOSTON AND
NEIGHBORHOOD FOR
MEMORIAL DAY DELIVERY
To **JULIUS A. ZINN**
4 PARK STREET, BOSTON, MASS.

F. R. PIERSON CO.
FLORISTS AND
PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

Quality and Reliability
WARBURTON
FALL RIVER, MASS.
Deliveries of Flowers and Plants
in FALL RIVER and contiguous
territory.

H. F. A. LANGE
WORCESTER, MASS.
Deliveries to all points in New England.
125,000 Square Feet of Glass.
Member Florists' Telegraph Delivery
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YALE! YALE!
And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
J. N. CHAMPION & CO.
1026 Chapel St., New Haven, Conn.

ST. LOUIS, MO.

FRED C. WEBER
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Member Florists Telegraph Delivery Association
NOTICE INITIALS. We have one store only

THE J. M. GASSER COMPANY,
CLEVELAND
Euclid Avenue

The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.
JOHN H. DUNLOP
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ALBANY, N. Y.

EYRES
Flowers or Design Work

DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all
Northwestern points given prompt at-
tention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

NEW SPHAGNUM MOSS

Extra Large Bales, \$2.50 each

There is economy in using new Moss. Let us fill your moss bin now.

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

EDWARD REID WHOLESALE FLORIST

1619 - 21 Ranstead St., Philadelphia, Pa.

CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

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WHOLESALE FLORIST

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Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS

Consignments Solicited

Hardy Fancy Fern Our Specialty

264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO

MANUFACTURERS
PHILADELPHIA, PA.

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FIRST

Before Looking Elsewhere

Tell Them You Did So And
They'll Reciprocate

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON May 16		ST. LOUIS May 6		PHILA. April 29	
Roses						
Am. Beauty, Special	15.00	to 25.00	40.00	to 50.00	30.00	to 40.00
" " Fancy and Extra	14.00	to 15.00	20.00	to 30.00	15.00	to 25.00
" " No. 1 and culls	3.00	to 6.00	2.00	to 10.00	4.00	to 12.00
Russell, Euler, Mock	.50	to 6.00	.....	to 20.00	3.00	to 20.00
Hadley	.50	to 8.00	4.00	to 6.00	3.00	to 15.00
Arenberg, Hoosier Beauty	.50	to 5.00	.....	to 10.00	2.00	to 12.00
Ward	.50	to 5.00	.....	to 3.00	1.00	to 6.00
Killarney, Radiance, Taft	.50	to 5.00	8.00	to 6.00	8.00	to 10.00
Ophelia, Sunburst, Hillingdon	.50	to 6.00	2.00	to 10.00	8.00	to 10.00
Carnations	.50	to 2.00	3.00	to 5.00	1.00	to 3.00
Cattleyas	.....	to 25.00	.....	to 50.00	35.00	to 50.00
Lilies, Longiflorum	4.00	to 6.00	8.00	to 10.00	6.00	to 8.00
Lilies, Speciosum	3.00	to 6.00	.....	.....	8.00	to 4.00
Iris	2.00	to 6.00	.....	to 4.00	4.00	to 6.00
Callas	4.00	to 6.00	10.00	to 14.00	6.00	to 8.00
Lily of the Valley	4.00	to 6.00	5.00	to 8.00	4.00	to 6.00
Snapdragon	3.00	to 6.00	.....	to 4.00	8.00	to 8.00
Gladioli	5.00	to 6.00	.....	to 10.00	.....	to 10.00
Pansies	.25	to .50	.....	to .50	.25	to .50
Daffodils	.50	to 8.00	.....	.....	2.00	to 3.00
Tulips	1.00	to 2.00	3.00	to 4.00	2.00	to 3.00
Calendula	.50	to 1.00	1.00	to 2.00	1.00	to 3.00
Stocks	1.00	to 3.00	.....	to 4.00	1.50	to 4.00
Wall Flowers	1.00	to 8.00	.....	.....	.....	.....
Mignonette	1.00	to 2.00	.....	.....	1.50	to 3.00
Sweet Peas	.35	to 1.00	.25	to .50	.40	to 1.00
Marguerites	1.00	to 2.00	.....	.....	.40	to 1.00
Gardenias	15.00	to 25.00	.....	.....	5.00	to 15.00
Adiantum	1.00	to 1.25	.....	to 1.00	.....	to 1.00
Smilax	20.00	to 25.00	12.50	to 15.00	15.00	to 20.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	35.00	to 50.00	25.00	to 30.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER OF

CUT FLOWERS

ROBERT DYSART

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.

BOOKS BALANCED AND ADJUSTED

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Telephone Main 98.

Boston Floral Supply Co.

247-267 Cambridge St., Boston

Headquarters for

CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS

Send for price list if you have not received one.

Flower Market Reports

The bottom has completely gone out of the flower market this week. In fact it partly fell out some time ago and the hot spell last week finished the job and Mothers' Day did nothing to put it back. Prices established in advance for the occasion were not excessive, even on carnations, but the receipts were so heavy that these could not be maintained and the whole fabric of market values went to pieces. By Saturday morning quantities of carnations in the markets were awaiting buyers at \$10.00 a thousand. The white ones were the worst sufferers and dealers were refusing to fill orders for colored ones unless 50 to 60 per cent of whites were also taken. Much of the stock at the end of the week was tired and weary looking, due to weather conditions and "salt-ing," jointly, and could not possibly pass examination for service. Stock in wholesale dealers' hands at present writing is very large and with no prospect of a cleanup. The accumulation includes about everything in season—roses, carnations, irises, sweet peas, lilies, snapdragons, late narcissi, tulips, callas, cattleyas, etc., the supply of all these being away beyond any possibility of consumption by the meagre demand. On the Mothers' Day proposition the best call came from places at a considerable distance. Local buying was much less than had been expected. City retailers, however, are admitting a very pleasing Mothers' Day experience. They certainly had things quite their own way and whatever increase in prices they were able to "get by" with, did not pass on to any considerable degree to the producer. We hope to see the bottom restored to the business soon, to last until the natural end of the season at least. With a shortening up of crops and with Memorial Day and the month of weddings in sight, perhaps a period of stability may yet be enjoyed but certainly the situation this week offers little on which to base any pronounced optimism.

Trade has not ceased with the passing of Mothers' Day, as so often happened after a day of special demand. After keeping their stores open all day Sunday, the retailers were early in the market on Monday after stock to fill belated orders which arrived that day. Many telegrams and special delivery orders were received on Monday. The wholesale market cleaned up on Sunday and the incoming stock on Monday was most welcome. There is now a good supply of all kinds and the quality is all that can be desired.

The supply for Mothers' Day was fully sufficient to satisfy the needs of the business for that day. These needs were cut down greatly at the finish by rainy weather on Satur-



PEONIES

For Memorial Day, Peonies will be in fine shape and splendid quality. They will be mostly of the newer varieties.

\$6.00, \$8.00, 10.00

With some novelties at

\$12.00 per 100

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI May 13		CHICAGO May 6		BUFFALO May 13		PITTSBURG May 13	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	40.00	to 50.00	25.00	to 35.00	25.00	to 30.00
" " Fancy and Extra.....	25.00	to 35.00	30.00	to 40.00	20.00	to 25.00	15.00	to 20.00
" " No. 1 and culls.....	8.00	to 15.00	8.00	to 20.00	3.00	to 10.00	4.00	to 12.50
Russell, Euler, Mock.....	6.00	to 15.00	6.00	to 40.00	4.00	to 8.00	6.00	to 20.00
Hadley.....	6.00	to 15.00	.....	to	5.00	to 8.00	.....	to
Arenberg, Hoosier Beauty.....	5.00	to 12.00	5.00	to 15.00	5.00	to 10.00	.....	to
Ward.....	4.00	to 8.00	5.00	to 15.00	3.00	to 5.00	4.00	to 10.00
Killarney, Radiance, Taft.....	3.00	to 8.00	5.00	to 15.00	3.00	to 8.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	4.00	to 10.00	5.00	to 15.00	4.00	to 10.00	4.00	to 10.00
Carnations	3.00	to 4.00	3.00	to 8.00	2.00	to 3.00	.....	to
Cattleyas.....	50.00	to 60.00	.....	to	40.00	to 50.00	50.00	to 60.00
Lilies, Longiflorum.....	10.00	to 12.00	10.00	to 12.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	.....	to
Iris.....	2.00	to 4.00	6.00	to 8.00	8.00	to 10.00	4.00	to 8.00
Callas.....	8.00	to 10.00	.....	to	8.00	to 12.00	.....	to
Lily of the Valley.....	4.00	to 6.00	4.00	to 5.00	6.00	to 8.00	1.00	to 4.00
Snapdragon.....	6.00	to 12.00	6.00	to 12.00	4.00	to 8.00	6.00	to 8.00
Gladioli.....	.....	to 8.00	6.00	to 8.00	6.00	to 8.00	2.00	to 4.00
Pansies.....	.....	to 1.00	1.00	to 1.25	.50	to .75	.50	to 1.00
Daffodils.....	1.00	to 3.00	2.00	to 3.00	1.00	to 2.00	.....	to
Tulips.....	2.00	to 4.00	4.00	to 5.00	1.00	to 2.00	.....	to
Calendula.....	2.00	to 3.00	2.00	to 3.00	1.00	to 3.00	.....	to
Stocks.....	2.00	to 4.00	.....	to	2.00	to 3.00	1.00	to 4.00
Wall Flowers.....	2.00	to 3.00	.....	to	2.00	to 3.00	.....	to
Mignonette.....	4.00	to 6.00	4.00	to 6.00	2.00	to 4.00	.....	to
Sweet Peas.....	.50	to 1.50	1.00	to 2.00	.50	to 1.00	.50	to 1.50
Marguerites.....	1.00	to 1.50	1.00	to 2.00	1.00	to 1.50	1.00	to 3.00
Gardenias.....	1.50	to 3.00	.....	to	10.00	to 25.00	.....	to
Adiantum.....	.....	to 1.00	1.00	to 1.00	1.00	to 1.25	.75	to 1.50
Smilax.....	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00	20.00	to 25.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	25.00	to 50.00	50.00	to 75.00

day and Sunday. Roses are in a good supply. Carnations are again in heavy supply. Lilies are fairly plentiful. Peonies are coming in strong and by the end of this week will be very plentiful. The outdoor list includes also iris, lily of the valley, cape jessamine from the South, and parrot tulips.

NEW YORK This market has had a pretty disastrous experience, due to the unseasonably tropical weather of last week combined with the blind policy of many growers who, lured by the will-o-the-wisp of high prices on carnations and some other things for Mothers' Day, hoarded up their flowers until the end of the week and then loaded them in by tens of thousands on a thoroughly demoralized market, with the result that on Saturday afternoon the push-cart pedlars were parading the streets with bushels of carna-

tions at twelve for ten cents, and Monday morning the cellars and ice boxes in the wholesale marts presented a wretched spectacle of withered carnations which were a total loss. Other flowers there were, and are now, which crowd the markets to repletion in various degrees of decrepitude due to their long and hopeless wait for an outlet but the white carnation—proud emblem of Mothers' Day—is the most conspicuous victim. Spanish iris is very plentiful and although large quantities of the flowers are disposed of there is still a surplus. The clear yellow, bright blue and soft lavender are the best sellers. Darwin tulips of wonderful beauty are seen in large quantities and they share with the iris the popularity of the moment. Lilacs from the suburban districts have been coming in by wagon loads, making things lively for the street and hole-in-the-wall merchants. A few days will clean them up, as well as much other early spring blooming hardy

(Continued on page 495)

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 30th St., NEW YORK
Telephone: 2900, 2901, Madison Square.

WM. P. FORD

Wholesale Florist

107 W. 28th Street, NEW YORK

Telephone 5335, Farragut.

Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.

WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments Solicited

Phone Farragut 4336

FRANK MILLANG

Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building

Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.

Wholesale Commission

READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT

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109 WEST 28th ST

CONSIGNMENTS SOLICITED

PHONE 608 FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.

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WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

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FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

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3089

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

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Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephones, 12-3510 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

	Last Part of Week ending May 11 1918		First Part of Week beginning May 13 1918	
American Beauty, Special	10.00	to 10.00	10.00	to 10.00
" " Fancy and Extra	8.00	to 10.00	6.00	to 8.00
" " No. 1 and culls	.50	to 4.00	.50	to 4.00
Russell, Euler, Mock	.50	to 8.00	.50	to 8.00
Hadley	1.00	to 25.00	1.00	to 25.00
Arenberg, Hoosier Beauty	.50	to 6.00	.50	to 6.00
Ward	.50	to 6.00	.50	to 6.00
Killarney, Radiance, Taft	.50	to 6.00	.50	to 6.00
Ophelia, Sunburst, Hillingdon	.50	to 8.00	.50	to 8.00
Key	.50	to 8.00	.50	to 8.00
Carnations	.50	to 4.00	.50	to 4.00

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—5652-5653 Madison Square

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5891.

**N. Y. FLORISTS' SUPPLY
COMPANY, Inc.**

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

H. BAYERSDORFER & CO.

Manufacturers and Importers

1129 Arch St., PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY
HOUSE OF AMERICA

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our

Artistic Designs, Baskets, Wire Work & Novelties

and are dealers in

Decorative Glassware, Growers and

Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
ROUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

Flower Market Reports

(Continued from page 493)

material. Of the standard things that are always with us perhaps the roses are doing the best of any. There are plenty of them but they usually manage to clean up at some price, which cannot be said of the lilies, callas, sweet peas, snapdragons, lily of the valley and cattleyas.

The early anticipations for Mothers' Day week were not realized. Up to Wednesday prices kept firm, but after that, supplies came in with such a rush the market went all to pieces. "Fifty" stock in carnations on Wednesday went down to "ten" on Thursday, and to "five" and less on Friday and Saturday. That tells the story in a nutshell. Who is to blame? The weather, the war, the woman or the jinx? Hard to tell. Probably a combination of all four. This of course applies to "Mothers' Day flower, the carnation," but conditions were below the average in roses and other flowers, of which there were too many. There was no great break in prices on regular trade, but a good deal of surplus was held over that could not be moved.

The Mothers' day trade was very good although business was held back by the unpleasant weather and most of it had to be done on Saturday with the Rochester street railroad strike on, which made business very difficult. The chief demand was on carnations which were plentiful and good, although roses and assorted flowers sold well. There is some outdoor bulbous stock, but the quality is very poor. There is an abundance of sweet peas and lilies, also some very good snapdragon, cattleyas and baby gladiolus. Good plants of spirea, rambler roses, hydrangea and rhododendron sold well for Mothers' Day trade.

Mothers' Day was a good one notwithstanding the inclement weather, Saturday an all day drizzling rain and Sunday down pour. Flowers were plentiful. Carnations and roses sold at slightly advanced prices. Southern cape jessamines came in and sold from 75c to \$4 per 100.

Mothers' Day business exceeded all expectations. Carnations came into the market in enormous quantities but the added demand caused them to be cleaned up. The prices ran from \$5 to \$10 per hundred at wholesale, the stores making sales at from \$1 to \$3 per dozen. The higher prices caused criticism from the people who could not see the need for an increase within the week of several hundred per cent. Some of the stores held their prices down to \$1 a dozen and that price prevailed largely in the Center Market stands. Killarneys sold well and Hadleys brought good prices. American Beauties are scarce. Peonies have made their appearance along with

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"
ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3066

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending May 11 1918		First Part of Week beginning May 13 1918	
Cattleyas	15.00	to 25.00	15.00	to 25.00
Lilies, Longiflorum	2.00	to 4.00	2.00	to 4.00
Lilies, Speciosum	2.00	to 4.00	2.00	to 4.00
Iris	4.00	to 8.00	4.00	to 8.00
Callas	4.00	to 8.00	4.00	to 8.00
Lily of the Valley	1.00	to 3.00	1.00	to 3.00
Snapdragon	2.00	to 6.00	2.00	to 6.00
Gladioli	2.00	to 8.00	2.00	to 8.00
Pansies	.25	to .50	.25	to .50
Daffodils	1.00	to 2.00	1.00	to 2.00
Tulips	1.00	to 2.00	1.00	to 2.00
Calendula	.50	to 2.00	.50	to 2.00
Stocks	.50	to 2.00	.50	to 2.00
Wall Flowers	1.00	to 3.00	1.00	to 3.00
Mignonette	.25	to 1.00	.25	to 1.00
Sweet Peas	.50	to 1.50	.50	to 1.50
Marguerites	4.00	to 25.00	4.00	to 25.00
Gardenias	.25	to 1.00	.25	to 1.00
Adiantum	12.00	to 15.00	10.00	to 15.00
Smilax	8.00	to 20.00	8.00	to 20.00
Asparagus Plumosus, & Spreng (100 bunches)				

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

Baby gladiolus. Sweet peas sell well. Cattleyas are excellent, gigas having just arrived.

NEW CORPORATIONS.

Butte, Mont. Columbia Floral Company, capital stock, \$10,000. Incorporators, C. R. Leonard, A. C. Wilhelm and N. F. Leonard.

"T. N. McCloskey, Inc.," of the Borough of Queens, New York City, has been chartered to carry on the florist's business, with a capital of \$10,000. The directors are Elizabeth R. McCloskey and Frank Fellhauer of Richmond Hill.

PHILADELPHIA.

Sergeant John H. Earl and Corporal Douglas Earl, bade good bye to their folks at Camp Upton on the 4th inst, and are now on their way across the water. John has been assigned as second Lieutenant and will receive his commission on his arrival on the other side.

They call him "Judge" now, when they meet Howard M. Earl. He received his appointment from the Governor of Pennsylvania on May 8th as a justice of the peace for Bucks County, Pa. As a comeback he tells all those would-be witty old bachelors (of the Bellevue-Stratford and other gay and festive centers of the Rialto) that he will marry them off at half price if they will drive out to Doylestown with the fair and fond enamored at any hour of the day or night. A word to the thrifty.

BUSINESS TROUBLES.

Thomas J. Clark, Inc., Boston, petition in bankruptcy; liabilities \$2,922; assets \$1,400.

R. W. Macniff, horticultural auctioneer and dealer in seeds and poultry supplies on Vesey street, New York City, has had a petition in bankruptcy filed against him. His liabilities are stated to be about \$40,000, and assets about \$15,000. Failure to get his Holland goods for last fall sales is the reason ascribed for the embarrassment.

William Elliott & Sons, seedsmen, New York City, are financially embarrassed. At a preliminary meeting of the largest creditors recently a committee was appointed to supervise and investigate the business. A meeting of the creditors was then called for Wednesday of this week at the office of Joseph T. Brown, Jr., to hear the report of the committee and take such action as may be deemed best to conserve the interests of all concerned. This is one of the old established seed houses of New York, originally doing business as Young & Elliott and conducting a plant auction business as an adjunct.

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755 **NEW YORK**
Farragut

MOTHERS' DAY IN CHICAGO

It is a question if carnations at ten cents wholesale, and often of an inferior grade, is not a menace to the cut flower business not only on special days like Mothers' Day, but in its after effects upon the buyers who naturally resent the prices the retailers must ask if they get back the money they pay out for their stock. What started to be a carnation day has fortunately been diverted to the whole range of floral offerings, and in the big downtown stores, plants, baskets and boxes of flowers, generally of good medium price, took the place of the smaller offerings of the first Mother's Days. The single flower no longer is popular except as it is worn by the purchaser, and it is a fact worthy of notice that the larger stores sold for each carnation, a thousand or more other flowers. For this the growers are largely to blame, for the good keeping quality of the carnation was sacrificed by being held back too long. As some of the wholesalers remarked, "this has become a habit hard to break."

The public is frequently blamed for not having a correct idea of the value of cut flowers, especially at a holiday. In times like last week, those inside as well as outside the trade, might be pardoned for questioning the policy of turning 100,000 carnations over to a department store, to sell for 8 cts. per doz. on Saturday, May 11th, when the retail florist could not sell for less than \$1.00 and \$1.50 per dozen. Even though the stock were better, such a difference in prices makes the public lose confidence.

Among the downtown florists, the opinion prevails that there was more business done than at any previous Mothers' Day. A. Lange says his store was unprepared to handle the throngs that filled it at times. Geo. Wienhoeber found it less of a day for the wealthy and more of a day for the smaller buyer. In commercial importance this year he says it ranked with St. Valentine's Day. He deplored the prices placed upon flowers, often of an inferior quality. Schiller's West Side Store was not able to close the store till six-thirty and the sales when tallied are expected to show a gain over last year. A big canvas sign across the front of the store read "Mothers' Day is May 12th. Remember her with flowers." The telegrams were still coming on Monday from those who had forgotten the day.

Wm. J. Smythe, 31st and Michigan Ave., had a good trade and sold out completely. At Chas. Samuelson's the business done nearly equaled that of Easter, and the demand was mostly for cut flowers in boxes and baskets. Mrs. J. Simpson found the demand very good. This store was represented in the Sunday thrift stamp parade by a handsomely decorated car. At A. Frauenfelder's the business is reported as large as that of Easter. The store was open on Sunday from 4 a. m. till 6 p. m. and then orders were refused for lack of flowers to fill them. The Alpha Floral Co. is sure it surpassed any other Mothers' Day. The Central Floral Co. had

the best Mothers' Day window, a matronly figure knitting for the soldier boys which attracted crowds.

O. W. Freese, sales manager of Poehlmann Bros., states that his house sold out completely and refused many orders for lack of stock. He estimates 30,000 as the probable number of carnations sold and that it would take at least 10,000 more to fill the orders they were obliged to refuse.

NEW FLOWER STORES.

Hartford, Ct. Wm. Scrivener.
Monticello, Ill. N. Swenson, succeeding R. J. Dills

Brooklyn, N. Y. James Shackron, 334 Flatbush avenue. John Collins, 76 Fifth avenue.

NEWS NOTES.

Auburndale, Mass.—Louis Nelson and Morris Kohn, formerly employed by the W. W. Edgar Company, have leased the greenhouses of the late William Capstick and will grow a general line of stock.

Vineland, N. J.—The new proprietor of the greenhouses formerly conducted by Mr. and Mrs. F. M. Lyons, at 625 Peach street, is Charles Vondra. Mr. Vondra is a hustler and gives promise of a successful conduct of the business.

Cincinnati—The May meeting of the Cincinnati Florists' Society was held last Monday evening in the club rooms in the flower market.

Mrs. Elsie Bolison has returned to her desk at the Cincinnati Cut Flower Exchange after a week spent at Chillicothe.

Cleveland, O.—The following suggestive advertisement appeared in the local newspapers last week:

TO OUR CUSTOMERS

In order that several thousand Cleveland soldiers at Camp Sherman may have a white or red carnation for Mothers' Day (Sunday, May 12)

We Are Giving Our Entire Allotment to the Soldiers

We are gladly making this patriotic gift through the Red Cross and the Y. M. C. A., who will see that the several thousand flowers we contribute are distributed as far as they will go among Cleveland boys at Camp Sherman.

No Carnations to Sell

Carnations are scarce this year. It is impossible for us to obtain more than a few thousand and as we are giving the soldiers all we can get, we hope that our customers will accept other flowers than carnations for Mothers' Day. We believe that everyone will be willing to make this small sacrifice under the circumstances.

The Jones-Russell Co.
1284 Euclid Avenue.

Joseph J. Lane, connected with the Garden Magazine, Garden City, N. Y., as advertising manager for the past five years, has left his position to join the Army. Mr. Lane has many good friends in the horticultural field who will all be glad to extend to him their good wishes that he may win much honor in the service of his country and return in safety. Mr. Lane is at present taking a short rest at his old home in Cambridge, Mass., preparatory to taking his place in the ranks.

Visitors' Register

Boston Charles Schwake, New York; Wm. P. Ford, New York.

Rochester, N. Y.—E. J. Murphy, repr. N. F. McCarthy & Co., Boston; W. H. Kurth, repr. Reed & Keller, New York.

Washington—Julius Dilloff, New York; Newell J. Hayman, Clarksburg, W. Va.; P. C. Barron, New York; Sidney H. Bayersdorfer, Philadelphia; Adolph E. Gude, Jr., Callfield, Texas.

New York—Robert Kift, Philadelphia, Pa.; Wallace R. Pierson, Cromwell, Conn.; David I. Fairchild, Washington, D. C.; W. H. Elliott, Madbury, N. H.; Kenneth Gillett, Southwick, Mass.

Philadelphia—Miss Jennie Refowich, Mahanoy City, Pa.; James A. Brown, Coatesville, Pa.; N. J. Hayman, Clarksburg, W. Va.; Albert M. Herr, Lancaster, Pa.; Alfred Cartledge, Wilmington, Del.

Cincinnati—I. M. Bayersdorfer of H. Bayersdorfer & Co., Philadelphia; Mrs. J. J. Lampert, Xenia, Ohio; Mr. and Mrs. Martin Weber, Brookville, Ind.; Mr. and Mrs. G. A. Beckmann, Middletown, Ohio; Mrs. G. W. Frisch, Dayton, Ohio.

CHICAGO FLORISTS' CLUB.

The May meeting of the Chicago Florists' Club was held at the Bismarck on the 9th. The evening was practically devoted to the all-important coal question. Two representatives of the coal dealers were present and each talked of the situation and gave the members some valuable hints. A picnic to be held in July was decided upon, with T. Waters as manager. F. Lautenschlager made a report for the publicity committee, showing the sum collected for that purpose to be only \$81.64. The attention of the members was called by Mr. Stoeck of the University of Illinois to a book called "Hand Firing Soft Coal and Power Plant Boilers," which will be mailed upon application and ten cents.

ROSA HUGONIS.

If you pass Samuel S. Pennock's home in Lansdowne these days be sure you will be invited in to see his new pet rose, Hugonis, in bloom. The first bud opened May 10th, which is a week ahead of his last year's record—May 17th, as reported by the editor of the Rose Annual for 1918 (page 102). That means that spring is earlier this year. Hugonis is said to be the very earliest rose to bloom, and if we are not mistaken, is one of the wonders for which we are indebted to Mr. Wilson, resultant from his arduous travels in Northern China about which HORTICULTURE was the first to tell the world years ago.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE

For Catalogues and Discounts address

AUGUST ROLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

LOCAL AND GENERAL NEWS

WASHINGTON, D. C.

Robert L. McMackin, of the Oehmler Floral Company, is confined to the George Washington University Hospital, seriously ill with heart trouble.

There is a move afoot in Washington to provide a fund with which to purchase flowers for American soldiers confined in hospitals near the battlefields in Europe. The start was made by E. L. McCaslin.

Adolph E. Gude, Jr., is now a lieutenant in the aviation section of the Signal Corps, having completed his course of training at Callfield, Tex. Mr. Gude came home last week for a brief visit, but has since returned to the aviation camp in Texas.

Bruce Griffin and Ralph E. Faust, while in Washington last week, called on Adolph Gude at the Anacostia greenhouses to view the new carnation which Mr. Gude has recently produced, a cross between Enchantress and Mrs. C. W. Ward. It is a very delicate shell pink and it is no exaggeration to declare it to be without equal in this section.

ROCHESTER, N. Y.

The opening of Seneca Park and the accompanying Arbor day exercises by school children were postponed until May 18 on account of lack of transportation facilities.

James Whitmore, 35 years of age, was fatally injured and two others were slightly hurt Sunday morning, May 5th, when a touring car crashed into a Ford delivery car driven by Whitmore. The machine was owned by J. B. Keller Sons.

NEW YORK.

David Dean is now a counter salesman in the seed store of Weeber & Don.

WANTS, FOR SALE, Etc.

HELP WANTED

WANTED—Young man as assistant in park garden work. Address "J. J.," care HORTICULTURE.

FOR SALE

FOR SALE—A splendid opportunity. A well established nursery and florist business in prosperous city in eastern Massachusetts. 40,000 ft. glass. 25 acres nursery well stocked with standard evergreen and deciduous material. No near competitor. "Mack," care of HORTICULTURE.

James Dean, the veteran florist, who has been in poor health for some time, at his home in Freeport, is reported as being much better and able now to get about a little.

The store on West 28th street, recently occupied by Beechwood Nurseries on one side and by C. C. Trepel on the other, has been vacated by both these tenants.

It would appear from widely disseminated newspaper accounts that on May 24, "Italy-America Day," the Society of American Florists would provide free boutonnières for all who will wear them in honor of Italy. A slight misconception of the scope of the S. A. F., no doubt, but we hope the flowers will be forthcoming from some source. There are plenty to spare in this section.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ASTERS.

ASTERS—HENDERSON'S INVINCIBLE. One of the finest for cut flowers. White, Shell Pink, Rose, Lavender and Purple. Strong plants. \$5.00 per 1000, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

BULBS

C. KEUR & SONS, HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

FINE CLEAN STOCK OF BEST KINDS for Florists use. Send us list of wants. Catalogue free. ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell. Stock For Sale. JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

Cambridge

New York



WORLD'S OLDEST and LARGEST Manufacturers of ALL STYLES and SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.
 Cambridge, Mass.

New Haven, Conn.—An order by Thomas W. Russell, federal food administrator for Connecticut, forbids retail dealers to deliver anthracite coal for use in private greenhouses until after October 1. If the circumstances warrant, modification of the order may be made after that time. Greenhouses in which vegetables or other foods are grown are exempted. Administrator Russell explains the matter to local chairmen in a letter.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelio-Cattleyas our specialty. One trial order solicited.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

ROSES, CANNAS AND SHRUBS. THE CONARD & JONES COMPANY, WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

Golden Self-Blanching (French Strain). Also the grand new Easy Blanching, which is easy to grow, fine plants, ready for the field, \$2.00 per 1000, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

4,000,000 Cabbage, Cauliflower, Tomato and Celery plants. Field grown and potted. List free. F. W. ROCHELLE & SONS, Chester, New Jersey.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

PINO-LYPTOL

WEED KILLER

THE VERY NEWEST AND QUICKEST METHOD OF DESTROYING WEEDS, GRASS AND OTHER GROWTH IN GARDEN WALKS, GUTTERS, TENNIS COURTS, DRIVEWAYS, ETC.

This fluid absolutely destroys all weeds and other growth wherever applied, and its effect on the ground prevents the growth of fresh ones for a year and thus saves a great deal of time and labor as no cutting, hoeing or hauling away of the weeds is required.

We manufacture the strongest line of DISINFECTANTS on the market

P.-L. CHEMICAL CO., 507-509 W. 19th St., New York

CORRESPONDENCE SOLICITED.

PITTSBURGH.

George Nixon has returned to Pittsburgh after a several years' service with the Park Floral Company in Cleveland, O., and taken a similar position with the Alpha Floral Company in East Liberty. Before going to Cleveland, Mr. Nixon was a salesman for the Harris Brothers of Fifth avenue.

The planting of trees to the soldiers and sailors, relatives of the members of the Woman's Club of Pittsburgh was featured in its Arbor Day observance at the Point last Saturday afternoon. The trees were planted by Col. Thomas W. Griffith for the Army, and H. M. Laughlin, C. B. M., for the Navy. They were accepted by Roy Schooley, private secretary for Mayor Babcock, representing the city. Among other trees planted was one for Myra Lloyd Dock, who is known as the "Mother of Forestry Conservation in Pennsylvania. On Tuesday afternoon a "Peace

Tree" in honor of President Wilson and a "Victory Tree" for Gen. Pershing were planted at the annual Arbor Day celebration of the Daughters of Betsy Ross.

The first annual banquet and election of officers of the Retail Florists' Association of the Pittsburgh District was held on Tuesday evening of last week at the Seventh Avenue Hotel. Chairman George Asmus of the finance publicity committee, and S. A. F. Secretary John Young, were present as honor guests and speakers. Mr. Asmus emphasized the urgent necessity of co-operating with the national "Say it with Flowers" campaign. Mr. Young spoke of the general spirit of co-operation in the business world today, and complimented the new Western Pennsylvania Association for backing up the national organization. Ira C. Harper, who was later elected president, presided. The other officers elected were Gilbert P. Weaklen, vice-president; Orville Crisman, secretary, and John McClements, treasurer.

ST. LOUIS.

Quite a few of the florists have been hit hard in regard to help. F. H. Weber loses two of his head men in the draft; one went to the navy.

Monday, May 13, kept the downtown retailers busy with the opening of the new building of the Mercantile Trust Co. Many elaborate set pieces and baskets were sent.

The St. Louis Florist Club met on May 9. Only a few attended owing to the planting out season. In the absence of president Bourdet, Frank Hillmas took the chair. A very interesting talk was made by Fred Ammann on the coal situation. Some very artistic window displays were made by the downtown florists for Mothers' Day.

BUFFALO.

Buffalo's subscriptions in the Third Liberty Loan totaled \$38,214,500. The florists' section, of which S. A. Anderson was chairman, contributed generously.

Milton B. Schaffer, of Buffalo, has been engaged by the boards of education of Dunkirk and Fredonia as a garden expert to have charge of the school gardens in Dunkirk and Fredonia, sharing his time in the two places. He also will co-operate with the Liberty Garden committee of the Board of Commerce in Dunkirk. Mr. Schaffer has taken a course in horticulture in Cornell University and besides several years experience in vegetable and garden work on the Connecticut estate of a New York broker, has been engaged for a number of years in fruit culture.

LEMON OIL CO'S STANDARD'S INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/2 Pint, \$20c.; Pint, 50c.; Quart, \$90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

LEMON OIL COMPANY

Dept. S. 426 W. Lexington St., Baltimore, Md.

Aphine

The Insecticide that
kills plant lice
of many species

The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For ear worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

Aphine Manufacturing Co.
MADISON, N. J.

For Potato Bugs
And Blight use

SULFOCID and CAL-ARSENATE

—a new combination which bids fair to replace the old Lime Sulphur-Arsenate of Lead and Bordeaux-Lead mixtures, in both orchard and garden.

It is more powerful and much less expensive. 1 gallon and 4 1/2 lbs. makes 150 gallons of spray.

Send for circular

B. G. PRATT CO., Mfg. Chemists
50 Church St. Dept. 12 New York

USE WIZARD BRAND CONCENTRATED PULVERIZED MANURE

Pulverized or Shredded
Cattle Manure
Pulverized
Sheep Manure

The Florists' standard of uniform high quality for over ten years. Specify: WIZARD BRAND in your Supply House order, or write us direct for prices and freight rates.

THE PULVERIZED MANURE CO.
34 Union Stock Yard, Chicago



NIKOTEEN

For Spraying
APHIS PUNK
For Fumigating

Ask Your Dealer For It.

NIKOTEEN MFG. CO.
ST. LOUIS

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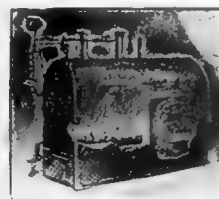
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IF YOU NEED A BOILER IN A HURRY
Telephone or Telegraph At Our Expense.

SEND FOR CATALOG

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KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate

BOSTON OFFICE: 113 State Street.

NEW YORK OFFICE: 1476 Broadway.

SCRANTON, PA., 307 Irving Avenue.

PHILADELPHIA OFFICE: Harrison Building, 15th and Market Streets.

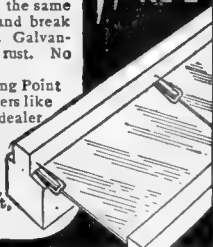
Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
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Difficult and rejected cases specially solicited. No misleading inducements made to secure business. Over 30 years' active practice. Experienced, personal, conscientious service. Write for terms. Address.

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Box 9, National Union Building,
Washington, D. C.

THE PRACTICAL BOOK OF Outdoor Rose Growing

By GEORGE C. THOMAS, JR.

New and Enlarged Edition.

Elaborately Illustrated with 96 Perfect Reproductions in Full Color of All Varieties of Roses, and 37 Half-tone Plates. Octavo, Handsome Cloth Binding, in a Slip Case.

\$6.00 net. Postage Extra.

Garden Edition, \$2.00 per copy.

We have sold many copies of this sterling book. It is one of the best of recent horticultural publications. Every rose grower should possess a copy.

Order from

Horticulture Publishing Co.

BOSTON

CHICAGO.

A Miller, president of the American Bulb Co., is back from an eastern trip and Robt. Newcomb of the same firm is on the Pacific slope gathering in the orders.

All the seed stores are reaping a harvest this week. The sun shines once more and the garden is the most popular part of the city and suburbs once more.

P. J. Foley, president of the Foley Greenhouse Manufacturing Co., has returned from a trip through the south, one of the results of which is an order from R. C. Kerr of Houston, for several new greenhouses to be built this spring.

Chicago florists can not agree with Miss Jarvis, the originator of Mothers' Day, in her request that money planned for flowers for mother be used for war savings stamps instead. "Mother" needs the silent token of sympathy and love that only flowers can bring this year, when her boys are away perhaps never to return, as she may never need them again or as she never needed them before. And looking at it from another standpoint, is it commercializing the day any more to send flowers than to send thrift stamps. Who responded more freely than the florists to the calls for Liberty Loans? And how can florists respond to the future calls sure to come if these tender tokens are to be cut out of our lives?

BOSTON.

J. A. Nelson of Framingham returned from Florida on Thursday this week, much benefited by his trip.

Thomas F. Galvin supplied superb decorations for the brilliant Red Cross meeting at the Copley-Plaza on Monday evening, May 13.

Among the published list of persons proposing to commit matrimony we find Agnello Antonelli, florist, 46 Prince street, and Margherita Russo, 17 candy maker, 3 Wiggin street.

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address, JOHN G. ESLEE, Sec., Saddle River, N. J.

GREENHOUSES—ALL KINDS



Put your Greenhouse Problems up to us
We go anywhere in the U. S. to submit plans and prices

Metropolitan Material Co.

1297-1325 Flushing Ave., Brooklyn, N. Y.

GLASS

AND HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

PARSHELSKY BROS. Inc.

315-317 Mavensoy St., Brooklyn, N. Y.

MASTICA



Put Good with Glass &
Glazing

USE IT NOW

F. O. PIERCE CO.

12 W. Broadway
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

GET OUR CATALOGUE

On Ventilating Apparatus and Greenhouse Fittings

ADVANCE CO., RICHMOND, IND.



*J. B. Ward, Superintendent
of the T. De Witt Cuyler's
Estate, Haverford, Penn.*

The tribute of J. B. Ward to Davey Tree Surgery



*A tree, with a badly weakened
crotch, saved by the scientific
methods of Davey Tree Sur-
geons. Note that, in 4 years'
time, the filling is almost en-
tirely healed over*

The Davey Tree Expert Co., Kent, Ohio.

Dear Sirs: The work you did for Mr. T. De Witt Cuyler in 1914 is a living monument to the efficacy of Davey Tree Surgery and it is a pleasure to be able to write a few words in commendation.

The trees, a number of which were in a critical condition, are now healthy, strong and vigorous in their growth. The healing in particular is wonderful. In my estimation Davey Tree Surgery is in a class by itself, and the high standard which your company has set is bound to elevate the entire practice of Tree Surgery.

Yours truly,

(Signed) J. B. Ward, Haverford, Pa.



*This tree was in such a weak-
ened condition that the next
severe windstorm could easily
have wrecked it. Today the
tree is perfectly sound, thanks
to Davey Tree Surgery*

The saving of priceless trees is a matter of first importance on every estate. Davey Tree Surgery is a fulfillment of the maximum expectations of those who love and value trees. A careful examination of your trees will be made by appointment.

Davey Tree Surgeons

THE DAVEY TREE EXPERT CO.

1305 Elm Street, Kent, Ohio

Branch offices, with telephone connection: 225 Fifth Ave., New York, 2017 and Title Bldg., Philadelphia, 150 N. Corniel Bldg., Chicago. Write nearest office.

They save Davey Trees, and in the employ of the Davey Tree Expert Co., and the public can save their trees, and the life of their families, by consulting them.



Permanent representatives located at Boston, Newport, Lenox, Hartford, Stamford, Albany, Poughkeepsie, White Plains, Jamaica, L. I., Newark, N. J., Philadelphia, Harrisburg, Baltimore, Washington, Buffalo, Pittsburgh, Cleveland, Detroit, Cincinnati, Louisville, Chicago, Milwaukee, Minneapolis, St. Louis, Kansas City.

Canadian address: 22 Victoria Sq., Montreal.

HORTICULTURE

Vol. XXVII

MAY 25, 1918

No. 21



A Walk in the Botanical Garden at Buitenzorg, Java

Published Every Saturday at 147 Summer Street, Boston, Mass.

Subscription \$1.00

PALISADES POPULAR PERENNIALS

Ye Old Fashioned Hardy Plants. Big Plants—Little Money

We have a large surplus of the following sorts in perfect condition for planting out. The Field Plants can be liberally divided for growing on for next Fall and Spring sales, which affords a rare opportunity of getting up a stock of these very saleable OLD FASHIONED FLOWERS AT SMALLEST COST. Many of these are quoted elsewhere (wholesale) at \$15.00 per 100. OUR PRICE AS LONG AS THEY LAST—SEE BELOW. No less than 25 of one variety at 100 rate, or 250 at 1,000 rate. F. means field grown. Pots means plants from 3-inch pots, and are most suitable for late plantings. Boxing and packing extra at cost. Terms net, less 2% for cash.

	Per 100	Per 1000		Per 100	Per 1000
Achillea Tomentosum, field and pot	\$5.00	\$45.00	Iris Germanica, mixed, strong, field grown	\$3.50	\$25.00
Anchusa Dropmore, field and pot	6.00	55.00	Iris Aurea (Golden Flag), field grown	6.50	60.00
Anchusa, Perry's Variety, field and pot	6.00	55.00	Iris Orientalis Snow Queen, field grown	5.50	50.00
Asters, leading varieties, field and pot	5.00	45.00	Iris Orientalis Sanguinea, field grown	5.50	50.00
Asters, Climax (New), field and pot	5.50	50.00	Iris Internodia, Helge, Halfden, etc., field grown	5.50	50.00
Astilbes in 3 varieties, field and pot	7.00	65.00	Iris Siberica Alba and Purpurea, field grown	5.50	45.00
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Campanula Persicifolia, 2 colors, field and pot	5.50	50.00	Lythrum Roseum Sup. and Perry's Var., field grown	6.00	55.00
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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

THE PUBLICITY CAMPAIGN.

The week just closed has been a busy one in the Promotion Bureau of the campaign, due very largely to the influence which our slogan "Say it with Flowers" is exerting everywhere. It is pleasing to note that when a sentiment is to be promulgated which it is desired shall have public recognition, the thought of flowers as a medium of expression naturally arises.

This was the case when the Italy-America Flower Day, May 24th, was projected. When the question as to how certain propaganda reflecting upon America as to her relations with Italy, one of her allies, could be controverted, it was quickly determined that it could best be done with flowers, and the services of our Bureau were at once sought, with a view to enlisting the aid of our florists in the collection of flowers for distribution by a number of organizations engaged in work incident to the great war. Hence the notice issued by the secretary through the trade papers last week. It should be borne in mind that the florists were not asked to donate any flowers, but simply to take care of any which might be sent on to them for the proposed distribution. This service not only would bring florists into personal contact with many whose business patronage was worth seeking, but, in the nature of things, should result in large sales to many who would be induced to contribute flowers.

Following this movement came another, in which the Bureau was again called upon to assist, and which is explained in the following letter sent out by the secretary to all florists in the neighborhoods where wounded soldiers are likely to be interned in hospitals, or where branches of the organization have the work of visiting hospitals in charge.

Florists in all sections are urged to accept this announcement as a suggestion that where they can co-operate with any of the branches of the League in their work they will do so. The season for outdoor flowers is with us, and there should be available a quantity of material which will serve the admirable purpose of the hospital visitors without making serious inroads upon the resources of anyone. Such assistance will greatly help toward the attainment of the main object of our campaign, as embodied in our slogan "Say it with Flowers."

1170 Broadway, New York.

May 20, 1918

Dear Sir: Here is a project which, if you will support it, is calculated to impress permanently our slogan "Say it with Flowers" on the public mind throughout the country, and, as well, will give publicity to your own business.

The National League for Woman's Service,

which works with and through the American Red Cross and kindred organizations, has undertaken to visit all hospitals in which are wounded and sick soldiers, for the express purpose of presenting each of our boys incapacitated in our service with a flower or flowers. Here in New York such distribution is now being effected on a large scale, and it is found that above all things the poor fellows crave flowers—offerings in the way of delicacies seem of secondary importance.

The New York Florists' Club is supporting the movement to the fullest extent, and the Society of American Florists is urging its members and the trade generally to help the local branches of the League in cities and towns where the soldiers are in hospitals, by donating any surplus flowers which may be available for this especial purpose.

The gratitude of the League for this anticipated co-operation on the part of the florists is shown in the fact that the organization has adopted the slogan of our Publicity Campaign "Say it with Flowers" as its slogan for this work, and our Promotion Bureau is providing slogan signs for posting in all the chapter houses of the different organizations, for display on all motor cars and vehicles engaged in the work, and in various other ways. Probably 20,000 or more of these signs will thus go into public use, displayed and actively featured by the very best people in the country.

You are asked to do this "little bit," and in doing it you will help to gain publicity for flowers such as would ordinarily have seemed impossible of achievement.

The chairman of your district branch will, doubtless, call upon you.

Yours very truly

JOHN YOUNG, Secy.

To those florists who have not yet seen the advisability of making response to the appeal for contributions to the Campaign Fund, it may be said that never was their support more needed than at the present time. Beyond question, the Publicity Committee has proved that its efforts have resulted in a stimulation of trade which, to say the least, has been extraordinary. The thought of what might have been the state of things without it is depressing, but there is the future to look to, and the campaign must not be allowed to halt. Some of our florists, too, are forgetting that a subscription does not end with the undertaking to make it. Forgetfulness is anything but a virtue in an undertaking like this, for the Promotion Bureau must depend upon the funds actually provided, and is obliged to contract far ahead for many of its direct service aids all of which are furnished at actual cost.

The secretary is at this date starting on an eastern tour in the interests of the campaign, one of the many itineraries arranged so that he can come into personal contact with trade interests in sections where they are large and individually numerous. Clubs and societies who would like to have the secretary present at one or other of their meetings should get into communication with him, as he is desirous of making his trips as far reaching as possible.

Our Washington representative, Wm. F. Gude, has arranged for the appearance of a delegation of florists before the Fuel Commission at Washington on Monday, May 27th, at 10 o'clock, a. m., for a hearing upon various phases of the fuel conservation order. This will be an opportunity for any florist who is in doubt upon any point in regard to his course of action under the order to arrive at a definite understanding. All florists wishing to join the delegation are invited to meet at Mr. Gude's office, 1214 F St., N. W. Washington, at 9.30 a. m. on that day, and proceed in a body to the offices of the commission. A strong delegation might perhaps improve the situation.

JOHN YOUNG, Secy.

The following letters were exchanged between the Washington Representative of the society, Wm. F. Gude, and the secretary, by the way of the first mail of the new Aero-service of the United States Postal Service:

Washington, D. C., May 15, 1918.

John Young, Sec'y S. A. F. and O. H.,
1170 Broadway, New York City.

My Dear Mr. Young: Just a word of greeting from Washington representative with the hope that this communication will reach you by the first delivery via Air Route, which is emblematic of the progressiveness of our Great Country, signifying speed, activity and force. And as our organization is National in character may we gather inspiration from this new achievement and may we encourage "Uncle Sam" by pushing our business and profession to the front for the betterment of mankind and particularly for the citizens of the United States of America.

With best wishes and kindest regards,
I am,

Very respectfully,

(Signed) WM. F. GUDE.

Washington Representative, Society of
American Florists and Ornamental Horticulturists.

New York, May 15, 1918.

Mr. Wm. F. Gude,
Washington Representative.

Dear Mr. Gude: Appreciating the value of the new aeroplane mail service between New York and Washington this day inaugurated, I take the opportunity to tender to you by the first aero mail, my congratulations on the establishment of a service which must necessarily be of benefit to florists, both as regards the exchange of official communications, and the providing of a means for quick delivery of flowers in three of our greatest cities.

It is my hope and expectation that this service will evolve into one of incalculable benefit to American Commerce.

With kindest regards, believe me,

Yours most sincerely,
(Signed) JOHN YOUNG, Secretary.

Department of Plant Registration.

Public notice is hereby given that as no objection has been filed against the registration of *Nephrolepis Anthony Wayne* by Lanternier, Florist, Fort Wayne, Indiana, same becomes complete.

JOHN YOUNG, Secy.

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Winter's toll

Once a year at this period comes the anxious inquiry as to the extent of winter damage to trees, shrubs and herbaceous garden material in those sections where winters are of varying severity. Strange contradictions of accepted probabilities, hard to certainly account for, upset our theories and expectations so frequently that the more experience one has the less he feels sure of and the return of spring is contemplated with fear and trembling. The season from which we have just emerged proves to have been no exception to the rule, for, notwithstanding that the damage done was exceptional, exceeding in the aggregate that of any previous record, yet there were some things that did come through unscathed which in mild winters have often been badly injured and which nobody expected could possibly survive the fury of 1917-18. The Bulletins from the Arnold Arboretum give lengthy lists of trees and shrubs injured or killed outright, some of which have lived there in perfection for a quarter century and which by reason of their good behavior were fairly entitled to a place in the "reliable" column. One of the most irreconcilable facts brought out is that some of the worst victims this time are trees native in Canada and the northern United States, while among the unharmed things are exotics from localities enjoying a climate much less inhospitable than ours.

"Double up"

Appeals from several gentlemen of official and business prominence for a more hearty response from the trade to the call for flower fund funds appear this week and

it's full time to do this enthusiastically started campaign is to be a success the indifference of the past few weeks should now cease and the maximum amount of money originally aimed for be promptly forthcoming. In the closing days of the Liberty Bond drive those who had a ready bought were urged to "double up" on their original subscription and this with excellent results. The amounts added to many of the names on the published lists of subscribers to the florists' publicity fund might fairly be doubled up or trebled, when compared with the liberal contributions of others who reputedly are not any better equipped financially or by business prominence. Then there are yet very many names which should, but do not, appear on the list. There can be no question that the prosperity of every-one will eventually be promoted to an extent far in excess of what would constitute a justly proportionate share for them in the amount to be raised. There has never been a time when the necessity for a general co-operative publicity movement was so evident. Those who have been entrusted with the responsibility and drudgery of the work have no soft job and they surely deserve all possible encouragement. Give it to them in full measure and it will all come back to you again in due time.

Our duty to ourselves and the nation

We give space in our reading columns to what we consider a very clear-sighted and sensible analysis of the business situation as regards the "non-essential" industries under the war-stress of today, by Charles W. Mears of the Winton Automobile Company, which appeared in the *New York Sun* for May 12. Mr. Mears is not a florist but if he were and spoke for the craft he could not with better logic throw the light of economic intelligence on the illogical theories from the dissemination of which the horticultural industries are suffering in common with many other occupations, and are destined to suffer more yet if the blind fanatical propaganda for the tabooing of these industries during the war are allowed to circulate unopposed and the public attitude shaped accordingly. So we think such matter has a legitimate place in our columns and should have an attentive perusal by every florist even though it does not class with the sort of news items which some seem to assume to be the limit of a florists' mental digestion, such as "the smile that won't come off" because the stork has been around, or the construction of casket covers or similar mortuary emblems. If applicable to the automobile industry then it should be even more so to the horticultural industries, to which the Creator has given a prior right as a very essential "non-essential" and which against the background of world tragedy have a most merciful mission to fulfil. One great failing on the part of the rank and file of the florist trade is that they are inclined to be too submissive individually and fail to all "get up on their hind legs" when abused, hence their industry suffers as a whole. Perhaps this article which we publish may serve as a stimulus for self-defence,—an incontrovertible argument which can be effectively used at every opportunity in every corner of our country. It is up to the trade to make telling use of every ounce of ammunition now, otherwise casket-covers innumerable may be needed for the obsequies of the flower trade itself, there will be no cigars to pass when the stork happens around and the war-savings-stamp man and Red Cross emissary will find very poor picking among a class of men notably generous whenever they have anything to be generous with.

CLUBS AND SOCIETIES

GARDENERS' AND FLORISTS' CLUB OF BOSTON

The May meeting of this organization held on Tuesday evening, 21st, at Horticultural Hall was well attended considering the busy season for the members. The outstanding incident of the evening was the unfurling of two flags—one the stars and stripes and the other a service flag bearing 27 stars, the number of club members in the service of the country. Two of these have already given up their lives in defence of the flag. The banners were raised by ex-president James Methven and appropriate remarks were made by Wm. J. Stewart, first president of the organization. Mr. Stewart called attention to the fact that many members of the Club in bygone years had fought in defence of the Star Spangled Banner and at least three of the ex-presidents had worn the badge of the G. A. R. He expressed the fervent wish that the boys now patriotically representing the Club in the great struggle to rid the world forever of despotic ambition, barbarism and inhumanity might be spared to return victorious and unharmed and again take up their peaceful avocation.

Resolutions on the death of Peter Barker were read by Kenneth Finlayson. Announcement was made that Prof. A. C. Hecht of Amherst who was to have addressed the Club on this occasion had been called to military service and could not be present. After a somewhat animated debate on the propriety of having the usual Ladies' Night and dance this year it was finally decided that this would be right and proper and so the evening of June 18 was designated as the date for an occasion of relaxation and pleasure. It was also decided, after some opposition, to hold the annual summer picnic as usual. In the absence of a lecturer, Secretary Craig read a well written paper prepared for the National Association of Gardeners, on Horticulture as a Profession, by J. Donald. Two new members were elected.

There was quite an array of flowers on exhibition including about twenty varieties of lilacs and some cold-frame lettuce from W. N. Craig, superb seedling Moutan peonies from Charles Sander and a handsome seedling tulip from Julius Heurlin. Certificates of special merit were awarded to the peonies and the lilacs and votes of thanks to the others. Speaking of the lilacs, Mr. Craig specified as among the most desirable in four standard colors, Philemon in dark purple, Marie Legraye in white, President Loubet in blue and Macrostachya in pink. Answering questions Mr. Sander replied that it takes usually about four years to bring seedling peonies into flower and that hand hybridization of these flowers is difficult, on account of their rapid maturing and the great abundance of pollen. The flowers shown were seedlings, naturally fertilized, of a set of peerless varieties procured from Japan years ago by Prof. Sargent. Mr. Sander said that

Meetings Next Week

Monday, May 27.

Florists' and Gardeners' Club of Rhode Island, Swartz Hall, Providence, R. I.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

Tuesday, May 28.

Newport Horticultural Society, Newport, R. I.

Tarrytown Horticultural Society, Tarrytown, N. Y.

Saturday, June 1.

Pacific Coast Horticultural Society.

seedling tree peonies are far preferable to the imported varieties, all of which are grafted on an inferior stock which in a short time suckers so vigorously as to kill off the variety. He said that, although in a much milder season some years ago, he had lost 800 seedlings by winter killing, he had sustained but few losses in the recent severe winter, without any protection whatever.

It was announced that the Rose and Strawberry Show of the Massachusetts Horticultural Society to be held in June, would be a "pay" show this year, the entire proceeds to be given to the Red Cross.

MASSACHUSETTS HORTICULTURAL SOCIETY

The exhibition held on Saturday and Sunday, May 18-19, at Horticultural Hall, Boston, was the smallest May exhibition on record. H. Stewart, gard. for Miss Cornelia Warren, showed some superb specimen plants, nearly three feet through, of *Calceolaria Stewartii*. Walter H. Colby, gard. for E. A. Clark, showed among other things a pair of standard deep blue *Hydrangea Otaksa* which it would be hard to beat. Victor Heurlin's display of Darwin tulips was exceptionally fine. The following awards were made:

CALCEOLARIAS: Large flowering, six varieties, in pots: 1st, Edward A. Clark, gard. M. H. Colby. One specimen: 1st, Edward A. Clark. Stewartii: Six plants: 1st, Miss Cornelia Warren, gard. H. Stewart. One specimen, 1st, Miss Cornelia Warren.

PELARGONIUM: Six named show or fancy varieties, in not less than 8-inch pots: 1st, Miss Cornelia Warren.

TULIPS: Darwin, collection: 1st, Victor Heurlin. Late flowering, other than Darwin: 1st, Victor Heurlin.

FIRST CLASS CERTIFICATE OF MERIT: Loren D. Towle, Hybrid *Laelio-Cattleya Dominiana Langleyensis*.

CULTURAL CERTIFICATE: Henry Stewart, display of *Calceolaria Stewartii* and *Pelargoniums*; W. H. Colby, standard *Hydrangeas*.

HONORABLE MENTION: Victor Heurlin, collection of Lilacs.

VOTE OF THANKS: Henry Stewart, *Hydrangeas* and *Genista*.

VEGETABLES: Collection of Vegetables: 1st, James Arthur Neal.

AMERICAN DAHLIA SOCIETY

An important meeting of the executive committee of the A. D. S. was held at the Grand Hotel, New York City, on Thursday afternoon, May 16th, at which President R. Vincent, Jr., James Duthie, P. W. Popp, I. S. Hendrickson, F. R. Austin and George I. Stillman were present. Previous to the meeting the committee entertained at lunch Wm. A. Eagleson, secretary to the Board of Managers of the American Institute, New York, where the September show will be held, and Mr. Eagleson advised to what extent plans had already been carried for this show. Prospects are exceedingly bright, and with the co-operation of those who intend to offer special premiums, and the growers of exhibition varieties, the 1918 show promises to be a worthy successor to those of previous years. Treasurer Austin reported that the available funds now exceed \$800.

P. W. Popp reported that Mrs. Chapman of Westerly, R. I.; had offered a prize of \$10 for a basket or hamper of Dahlia Newport Wonder. The offer of the Dahlia Society of California to award its gold medal at the Fall show in New York was accepted with thanks. A letter from Jos. J. Lane, a member of the executive committee, was read; in it Mr. Lane announced his temporary retirement from office and from his regular occupation, preparatory to going into military service this month. It was voted to keep the name of Mr. Lane and all other members of the society who were in their country's service on the active list for the period of their enlistment, remitting their dues.

A number of communications were read, among them the following from Stump & Walter Co., New York, offer of a silver cup for exhibit of Dahlias at the Fall show; from W. Atlee Burpee & Co., Philadelphia, Pa., offer of similar prizes to those of last year; from Wm. A. Eagleson, American Institute, information as to the progress of plans for the show; Henry A. Dreer, Inc., check for \$10 for premiums; W. A. Manda, promising to make suggestions of interest to the society; Peter Henderson & Co., New York, subscription of \$10 for premiums; J. K. Alexander, East Bridgewater, Mass., \$10; Henry F. Michell Co., Philadelphia, silver and bronze medals; Henry Penn, Boston, \$5 for Boston show.

It was voted to issue the Bulletin on the first of September and again on the first of November, and the secretary was instructed to investigate the desirability of publishing the Bulletin every other month during 1919. A letter from Mr. Rathgeber was read, and Mr. Vincent explained his award of a silver medal at the New Haven show last Fall for a special exhibit, and the committee voted approval.

The following were selected to be invited to act as judges at the September show in New York: George H. Hale, Oyster Bay, L. I.; Prof. Geo. Fraser, Storrs, Conn.; James C. Clark, Riverton, N. J. It was voted

LILAC DISPLAY AT THE ARNOLD ARBORETUM.



By Courtesy The Christian Science Monitor.

to offer a special prize at the Fall show, for best unnamed tested seedling Dahlia to be shown in one vase on long stems, subject to the rules of the society, and if deemed worthy, the winner to be called Dahlia J. Harrison Dick, in honor of our late secretary.

It was voted to submit to the annual meeting an amendment to the by-laws, whereby all members paying current dues up to that time shall have their memberships extended until the first of January, 1919, and that thereafter the annual dues shall run from January 1st to December 31st of the same year.

Mr. Austin reported that he had purchased an additional \$50 bond of the Third Liberty Loan, and his action was duly upheld, and the purchase of one more \$50 bond was authorized.

John Lewis Childs, Flowerfield, N. Y., offered \$10 as special premium for the Fall show.

J. R. Lewis, Secretary.

LANCASTER COUNTY FLORISTS' ASSOCIATION.

Thursday, May 16th was Fuel Night. Remarks indicated the consensus of opinion to be that there is nothing to be done excepting to comply with the law and make the best of the situation. Some advocated planting chrysanthemums and then either allowing the houses to lie idle until spring or planting them to some crop that would require little or no heat. After considerable discussion

this was pronounced as a doubtful proposition as the likelihood was that so many would be doing this all over the country that the market for chrysanthemums would simply be swamped.

One grower said that he had at considerable expense equipped his houses to burn screenings and that he could not run them except as a hundred per cent. proposition without serious loss to his plant, which represents a big outlay of money. He did not think it a just ruling when he had his coal in the bins and on the road to be allowed to burn only fifty per cent of it. Another large establishment replied to this saying that he had found the past winter that running his houses at a lowered temperature, was not as serious a proposition as most people were inclined to think; that he had better carnations with a temperature of forty than he had on many previous years at fifty to fifty-five, the crop being a little short on production but now making up for that end of it. He intended following the law to the letter and would plant part of his place to crops that would at least live with a temperature just high enough to prevent actual damage to the structural work of the houses by frost. The fuel saved here would be used for part of the establishment that could not be run excepting to full capacity and in this manner he proposed to fully meet the situation without loss to his plant and hoped by careful management to keep from any large loss in returns.

Several of the smaller growers decided not to attempt to run their places until conditions change and it was suggested that we send a communication to Washington asking for a reconsideration, but after some discussion it was thought better to leave this in the hands of the S. A. F. representatives.

Chas. B. Herr and J. Wade Galey of Strasburg, Ralph Hess of Gap, Walter Denlinger of Vintage and Ira Landis of Paradise were appointed to make arrangements for a picnic to take the place of the July meeting at the home of B. Frank Barr.

The programme for the next meeting is Richard Vincent, Jr., of White Marsh, Md., with an illustrated lecture on Scotland. A few of the ladies met previous to the meeting and started an auxiliary to the club which will be completed soon and when this is done Lancaster will be more than "on the map".

ALBERT M. HERR.

AMERICAN ROSE SOCIETY.

A meeting of the executive committee of the American Rose Society was held in the office of the Pennsylvania Horticultural Society, Philadelphia, May 10, 1918. A request was received from the Flower Show Association of the Main Line, Philadelphia, for one silver and two bronze medals from the American Rose Society for their amateur rose show. The Flower Show Association of the Main Line has not affiliated with the American Rose Society.

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ty for 1918. The following action was taken:

"Resolved, that in cases where there are not less than five annual members of the American Rose Society included in the membership of a local organization, the secretary may supply a set of one silver and two bronze medals for use at a rose show, provided that the judging at the show is conducted according to the rules of the American Rose Society, and provided also that twenty dollars (\$20) is paid in advance for such medals and for their engraving."

Mr. J. Horace McFarland presented a financial statement regarding the cost of the 1918 Annual. Taking into consideration the advanced cost of all material, together with the increased number of pages, the cost of the 1918 Annual compared very favorably with the cost of the previous editions. The committee voted to accept the bill of the J. Horace McFarland Company for the 1918 Annual and the treasurer was instructed to pay part of the account immediately, the remainder to be paid after the receipts for advertising have been received. The members of the committee expressed their appreciation of the splendid work Mr. McFarland has done for the Society, both in editing the Annual and in advancing the scope of the work of the society, especially with amateur members. It was the general feeling that Mr. McFarland has been most liberal in donating his time for the work and it was voted that he be elected editor of the Annual for the next three years.

Arrangements with the J. Horace McFarland Company, for publishing the 1919 American Rose Annual were discussed, but in view of the absence of important members of the executive committee, it was decided to postpone definite action until the next meeting of the committee.

Mr. J. Horace McFarland suggested that the Society should in the immediate future, prepare a rose catalogue which should include all roses in commerce and that the Society should also send to its members, a manual of rose cultivation.

The following exchange of membership was voted: "That the American Rose Society extend to International Garden Club, honorary memberships for the president, vice-president and editor in exchange for honorary memberships in the International Garden Club for the president and secretary of the American Rose Society and for

the editor of the American Rose Annual."

It was suggested that there should be a definite campaign to get members for the American Rose Society, particularly among the nurserymen and florists and Mr. J. Horace McFarland was requested to present at the convention of the American Association of Nurserymen at Chicago, June 26-27, a paper on "A greater interest by the nurserymen and florists in the American Rose Society and the work that they are doing."

The secretary stated that at the present date there are 1,256 paid memberships and 56 life memberships, and the treasurer reported a balance on hand of \$1,800. E. A. WHITE, Secy.

National Rose Test Garden.

On account of the advanced condition of the roses, the time for holding the meeting of the American Rose Society and the opening of the Washington Rose Garden at Arlington has been changed from June 3d to May 27th. All visitors are requested to meet at the office of Gude Brothers, 1214 F street, N. W., Washington, D. C., at 11 a. m., and to meet in the garden not later than 10 a. m. for the opening and inspection of the National Rose Test Garden, in charge of the Department of Agriculture, at the Arlington Farms, directly across the Potomac. It is proposed that all visitors arrange to lunch together, probably at the New Ebbitt House, not later than 2 p. m., earlier if possible.

ROBERT PYLE, Chairman.
 Washington Rose Garden Committee.

WORCESTER SPRING FLOWER SHOW

The May exhibit of the Worcester (Mass.) County Horticultural Society, held on May 16 was an exceptionally fine display and many well deserved awards were made. S. J. Goddard of Framingham sent a splendid collection of carnations for which a silver medal was awarded and the flowers were afterwards sold for the benefit of the Red Cross. Another notable exhibitor was C. Henry Hutchins of Shrewsbury whose display of flowers and plants was recognized by a special award of \$25. Harry I. Randall made a rich showing of floral baskets and table decorations and H. F. A. Lange also showed excellent floral decorative work. "Irishthorpe" in Shrewsbury was represented by a fine display and A. H. Knight of the same town had a special collection of

carnations. 1st prize for table decoration was won by Mrs. P. G. Forbes. J. H. Perry received a certificate of merit for a seedling lilac.

DOUBLE UP.

It must be apparent to all florists, whether retailers or growers that in these times of uncertainty and lack of desire to do the usual purchasing of flowers, a special effort must be made by the merchant to keep his merchandise constantly before the eyes of the public. Splendid results have been gained by the National Publicity Committee in the advertising that has been done during the past few months, and which has no doubt been of tremendous help to the selling of flowers. In order that our committee can carry on this work as planned, we must realize that the cost runs up into dollars, and someone must contribute to this end.

I am moved to write this letter and to call the attention of subscribers, and especially the attention of those who have made small appropriations, to the end that they will subscribe more liberally. It is important that we, as business men support the committee who give their time and money for the benefit of all the trade. I know that when careful thought is given, many of us will see the advisability of increasing our National Publicity Fund contribution. St. Valentine's Day, and Mothers' Day sales which in most localities were double the amount of previous years, prove conclusively that advertising is essential to the life of trade.

I, for one, appreciate the opportunity afforded the florist in being able to get someone who has given thought and has brought results that have been beyond expectation, and I hope that all who read this letter will go over their pledge and immediately increase it. PHILIP BREITMEYER.

Detroit, Mich.

A TROPICAL PICTURE

We publish, as a cover illustration this week, one more of the impressive views of tropical exuberance in the Botanical Garden at Buitenzorg, Java, collected by R. M. Ward of New York in his recent Asiatic tour. Mr. Ward may be seen in the picture and the presence of a human figure in such a scene serves to greatly enhance one's realization of the comparative stature of the lofty trees that line the road.

LOCAL AND GENERAL NEWS

BOSTON

One of the most encouraging signs in local business this spring is the lively demand for Spring plants. Growers of bedding stock, etc., all report an unexpected call, far better than was experienced last year and an insufficiency of plants to fill the orders coming in. It is very evident that there will be no surpluses this season.

Never have the lilacs in the Arnold Arboretum in Jamaica Plain bloomed so profusely as this season. A few of the very early varieties have already passed their prime, but later sorts are coming into flower. Fully 100 immense bushes are now in bloom. More than 200 species and varieties are included in the Arboretum collection, and the blooming period extends nearly two months. Among the newer varieties blossoming during the past week the Arboretum commends as especially desirable the following: Deuil de Emile Galle, with pale pink double flowers; Waldeck Rousseau, pink single; L'Oncle Tom, dark red-purple single; Grand Duc Constantin, light lilac-colored; Toussaint Louverture, with unusually long narrow clusters of red-purple, a tall growing plant with erect stems and of not particularly good habit, but the flowers are attractive; De Mirabel, single, very dark lilac, long narrow clusters; Edmund Bossier, dark rose-purple single, large broad clusters; Maurice de Villemorin, pale lilac-colored double; President Loubet, deep lilac single; Langui, pale pink single flowers, dark rose-colored buds; Reamur, large, single, rose-colored, broad clusters.

Among the other varieties the following have been unusually good: Congo, dark red-purple, single; Macrostachya, pale pink, single, long narrow clusters. Like Toussaint Louverture, this variety has erect stems which do not make a handsome bush, and the flowers, too, begin to open before the leaves appear, but they are so delicate in color that some persons consider this one of the handsomest garden Lilacs. Marliensis pallida, pale pink; Furst Lichtenstein, single pink; Condorcet, double pale blue, dark rose-colored buds; Justi, pale blue; Ludwig Spath, dark red-purple single. This last is very similar to Philemon and in these two plants are found probably the handsomest Lilacs with dark red-purple flowers. Marie Legraye is good as usual. Some of the white-flowered Lilacs recently produced in France have larger individual flowers, but little is known here yet of their value as garden plants, and Marie Legraye must still be considered the best of the thoroughly tested single white-flowered Lilacs.

PITTSBURGH

George C. McCallum has enlisted in the Officers' Naval Reserve.

William Dunkerheit has written announcing his safe arrival in France.

Roderick Fraser, assistant to James Stewart on the Andrew W. Mellon estate, has enlisted and gone to Camp Lee.

Richard B. Harris has a magnificent showing of the finer varieties of tulips on the estate of Mrs. Thomas Armstrong.

On Tuesday evening next at the Horticultural Society of Western Pa., David Fraser will give an address on "War Gardens."

James J. Higgins, salesman with Mrs. E. A. Williams, has resigned to take charge of the floral department of a gentleman interested in theatrical enterprise, who is planning to open one of the finest flower stores in the city.

Edward Earl Ludwig and Frank Smoller, who have been for some time at Camp Hancock, were supposed to have sailed for France last Saturday. For the past week or so, they have been stationed at Camp Mills, Mineola, Long Island.

Alfred Bates, orchid grower at the Henry J. Heinz estate, has returned to his home in Beacon, N. Y., owing to the call of the military draft. The Heinz staff has also been depleted by the departure of William Anderson, who after two years' service, has enlisted in the Canadian ranks; and that of M. K. Jacobs, a selective man sent to Camp Lee.

Unintentionally last week we neglected to note the luncheon given at the Pittsburgh Athletic Association by Samuel McClements in honor of Chairman George Asmus of Chicago, and Secretary John Young of New York, who were in town for the banquet of the Pittsburgh Retail Florists' Association. In addition to the host and honor guests, Ira C. Harper, Julius W. Ludwig, Fred Burki, Gilbert P. Weaklen Orville Crissman and John McClements were present. Entertainment also included a trip to the Randolph & McClements greenhouses.

ST. LOUIS

The annual Florists' picnic will take place earlier than usual so as not to interfere with S. A. F. arrangements.

The noted specialist, Brown of Kirkwood, Mo., has donated his collection of orchids, valued at \$25,000, to Missouri Botanical Garden.

We are glad to report that Fred Ammann is around again fully restored to health. George Waldbart is now able to visit his store.

The annual flower sermon in memory of Henry Shaw, the founder of the Missouri Botanical Garden, was preached Sunday, May 19, at Christ Church Cathedral. The decorations of the church were peonies.

PHILADELPHIA

W. Atlee Burpee, Jr., has joined the Naval Reserve.

Albert Dooner, the junior of the Dooner's Hotel family and a musician of note, has enlisted in the Naval reserve and gone to Cape May.

Word was received on the 18th that the Earl boys, who left Camp Upton on the 4th had arrived safely at their destination on the other side.

Martin Gohn is now with Westcott's Laurel Hill Nurseries and will be pleased to have a call there from his old friends in the gardening business.

Those wishing to send letters or papers to our esteemed young friend, Ed. Flood, Jr., should address same: Corporal E. H. Flood, San. Squad No. 5, A. P. O. 108, A. E. F., France.

Final arrangements in the deal for the Berlin property of John Westcott were completed at the law offices of Charles H. Eimerman on the 17th inst. The purchasers are New York men and are interested in the canning business. The amount is not stated but it is understood to have been part cash and the balance on mortgage.

Among our distinguished visitors last week we had the pleasure of greeting George M. Barnard of New Castle, Ind., governors delegate to the war relief convention here. Mr. Barnard is a lawyer but is a near florist, having married Marion Dingee, daughter of Chas. Dingee of West Grove, Pa., the pioneer mail order rose man.

Alvah R. Jones, of the Pennock Co., will be the principal speaker at a Ladies' Society meeting next week, his subject being: "Flowers an essential." This is the kind of good work we should all be proud to do for our own and our country's benefit. Cutting out flowers as a non-essential is too much talked about. If you do, you might as well cut out music, literature, art and every elevating influence in modern civilization, as non-essentials.

We are "getting no better very fast" it seems, judging from the P. O. service between Boston and Philadelphia. Horticulture usually arrived in the Quaker City on Saturday morning. Then it got to Monday, then Tuesday. This week they came crawling in with it on Wednesday, although it was mailed punctually on the previous Friday. From this our readers will understand that conditions of transportation "Down East" are very congested—much more so than they now are from western points.

ROCHESTER, N. Y.

Kossman & Hildebrandt have opened a new florist store.

George B. Hart reports his Mother's Day trade as the best ever.

Lilac Sunday was observed at Highland Park, May 19th. The collection now contains nearly 300 named varieties, some of which are very rare.

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A band concert was enjoyed by the visitors. Other attractions were large crab apples in bloom and handsome beds of pansies, primulas and forget-me-nots.

Seneca Park was formally opened May 17th. Five trees were dedicated to the late William C. Barry, to Commissioner William S. Riley, and to the men in the United States Army, Navy and Air Service. Rochester Base Hospital under the command of Colonel George A. Skinner, participated in the exercises.

WASHINGTON, D. C.

Miss Louise W. C. Gude, daughter of William F. Gude, has been returned to her home from the Emergency Hospital, a convalescent following a successful operation.

Quite an extensive peony exhibition was given May 19 at the Botanic Gardens. The Engineer Band gave a concert in the afternoon and several thousand men in uniform and a very large number of civilians and ladies were there.

Following a custom of several years standing, employees of all departments of the government in Washington have been asked for subscriptions to a general fund for the purchase of flowers and flags for the decoration of the graves of soldiers in the Arlington National and other cemeteries in and around Washington.

Colonel C. S. Ridley, engineer officer in charge of public buildings and grounds, is looking to secure the services of a number of gardeners in the parks of Washington. A civil service examination to fill all of the vacancies will be held June 15. Three classes of men are desired; salaries of \$90 per month, \$70 per month and \$2.50 per day, respectively.

THE HORTICULTURAL CATALOG

**A MONTHLY MAGAZINE FOR
WESTERN NURSERYMEN
FLORISTS, SEEDSMEN**

Contains alphabetical listings of
available surplus stock, etc.
\$1.00 per year. Foreign \$1.50

THE HORTICULTURAL CATALOG
LOS ANGELES, CALIFORNIA

"COAL WEEK," FROM JUNE 3 TO 8

"Coal week," the period from June 3 to 8, has been selected by United States Fuel Administrator Garfield for an intensive and specific drive on the early ordering of coal. The fuel organizations of the various States, the country chairmen of fuel committees throughout the Nation, coal dealers, chambers of commerce, mine operators, and others are all called upon to do their utmost to make this week's drive a big success.

By accumulating a large volume of orders in the hands of the dealers it is expected that there will be demonstrated to every agency concerned in the distribution of coal the universality and urgency of the demand and this, in turn, will give rise to a steady and increasing pressure for rapid and equitable distribution. This is particularly true as to the railroads and other transportation agencies. Every unfilled order for coal will at once become an active and pressing argument for increased distribution efficiency. By keeping coal orders constantly accumulating, the resulting pressure, it is believed, will have the effect of keeping production at the highest possible point during the summer months.

It is also felt that with the bulk of the year's supply of coal ordered well in advance, the various distribution agencies of the Government will be in a position equitably and properly to adjust the demands as between different communities. It will be possible accurately to gauge the increased demand and properly to divide the available supply. It is pointed out that it is obvious that the entire coal output of the country can not all be delivered at once; but at the same time it is clear that no matter what the condition of the supply may be those orders which are on the books of the dealers will be filled prior to those received later in the year. Industrial consumers who, by getting in early their orders for the bulk of the fuel their plants will need, can lend a tremendous impetus toward speeding up production at the mines and delivery that shall employ to the fullest all transportation facilities.

NOTICE TO CORRESPONDENTS AND ADVERTISERS.

As Memorial Day falls on Thursday of next week correspondents and advertisers are requested to mail their copy so it will reach us by Wednesday morning, May 29.

ROSA HUGONIS

Editor HORTICULTURE.

I note yours as to Rosa Hugonis in current issue. I have a strong growing vigorous plant sent me by our old friend Jackson Dawson, which is a thing of beauty at this present time. It has been out three winters and passed through the last unprotected and comes out uninjured, as good a test of hardiness as could be had. This is the third year of its blooming, always pleasing and admired by all. I have never seen any "bugs" or troublesome insects on it; it is free from the ugly thorns of the Scotch rose; each branch is a garland of most beautiful yellow, elegantly garnished with a small deep colored foliage. I hold it as a gem.

Yours,

C. W. HORR.

Nashua, N. H., May 21, 1918.

A COUNTRYTOWN VERDICT.

The following letter has reached us from a valued correspondent in a New England town:

"In spite of the business rush I must take time to congratulate you upon your Mothers' Day Editorial. What you say is absolutely true and it is very unfortunate that a day which might be reverently and pleasantly observed the world over should have been so exploited by some florists that they have killed any regard people might have. People here certainly refused to have anything to do with it on account of the greatly increased cost of flowers for that day. Otherwise, if the wholesale florists had been satisfied with a reasonable price we should have done a good business.

HILL'S EVERGREENS

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied
Price list now ready

THE D. HILL NURSERY CO.

Evergreen Specialists. Largest Growers
in America
BOX 415, DUNDEE, ILL.

A. N. Pierson, Inc.

CROMWELL, CONN.

Bedding Plants and Roses

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. O. Aearlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

American Seed Trade Association.

The 6th Annual Convention of the American Seed Trade Association will be held at Chicago, Ill., Jan. 29, 1918, with headquarters at the Hotel Sherman beginning the day at 10 o'clock a. m. Hotel rates are as follows:

\$2.00 per day and upward, single room, with bath.

\$3.00 per day and upward, double, with bath.

Notice is given that an amendment to the by-laws has been filed with the secretary, permitting a change in the dues and initiation fee. Upon order of the executive committee, the official badge this year will bear the name of the wearer instead of only the number of the firm he represents. To make this plan a success, the Secretary urgently requests each firm to send in the name of its accredited representative as soon as convenient, but not later than June 13th, so that as many badges as possible may be inscribed before the convention opens.

PROGRAM

Seed Reporting—W. A. Wheeler, U. S. Department of Agriculture, Washington.

Persistent Varietal Character in Garden Vegetables—Dr. W. W. Tracy, U. S. Department of Agriculture, Washington.

Address Osborn Monnett, Member of the Fuel Conservation Committee for Illinois.

Address James A. Davis, Chairman of Speakers' Bureau, National War Savings Committee of Cook County, Chicago.

Address—R. A. Oakley, U. S. Department of Agriculture, Washington.

Community Building in War Times—A. K. Lovrien, Agricultural Publishers' Association, Chicago.

C. E. KENDEL, Sec'y.

Earl Gets Advice

Commenting on the acquisition of the title of "Squire" by Howard M. Earl through appointment by the Governor of Pennsylvania, George Brennan recommends in the Philadelphia Inquirer that the new official should add to his law library a number of indispensable books and that members of the Florists Club and others have already suggested "Pepper on Embracery," "Scott on Pardons," "Brown on Fees," "Penrose on Barratry," "Simpson on Judicial Vacancies" and "Gordon on Conspiracy" as some of the works which "Squire" Earl has been urged to acquire.

We would add to the above excellent list: "Barenbrug on Grasses," "Craig on Crotons," "Fox on Flower Grams," "Kift on Kenning," "Pennock on Periwinkles," "Peters on Rattles," "Therkildson on Turf," "Watson on Wisdom" and "Weston on Wire-town."



We have just received
ANOTHER THOUSAND TONS
Of Our Celebrated
**South American Sheep
and Goat Manure**

This is unexcelled for top dressing any crop or mixing with the soil, or for use in solution. There is no safer or surer material to be had.

Write for prices and receive a supply while it lasts. It is difficult to obtain.

SANDERSON FERTILIZER AND CHEMICAL CO.

Subsidiary of the American Agricultural Chemical Co.

NEW HAVEN, CONNECTICUT



Send for our Wholesale
Florist Catalogue Now
Ready.

Lily of the Valley Pips

FOR EARLY FLOWERING

Every florist should have a few of these dainty flowers for their Easter trade: 100, \$3.00; 1000, \$28.00.

BEGONIAS

Double-Flowering Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze. Mixed: 100, \$6.50; 1000, \$60.00.

Single-Flowering Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon. Mixed: 100, \$4.75; 1000, \$45.00.

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The Seed Store 12 and 13 Faneuil Hall Sq., Boston

"Seeds with a Lineage" All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

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NEW YORK**

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Careful Seed Growers and Seed Distributors for One Hundred Years

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To Market Gardeners and Florists
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We Make a Specialty in GRASS MIXTURES

For

The Lawn, Shady Spots or Under Trees, the South, the Seashore, the Terrace and Restoring Old Lawns, Polo Grounds, Tennis Courts, Putting Greens, Fair Greens, Meadows and Pastures.

All of the Finest Recleaned Seeds.

J. M. THORBURN & CO.

Established 1802.

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GARDEN SEED

BET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

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82 Day St., NEW YORK and ORANGE, CONN.

Asparagus Plumosus Nanus

Northern Greenhouse Grown Seed

100 Seed.....	\$.50
1,000 Seed.....	3.50
5,000 Seed.....	15.50
10,000 Seed.....	30.00
25,000 Seed.....	72.50

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1,000 Seed.....	\$.75
5,000 Seed.....	3.00
10,000 Seed.....	5.50
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Also all Other Seasonable Seeds, Bulbs and Supplies.

WHOLESALE PRICE LIST FREE.

HENRY F. MICHELL CO.

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Lilium Candidum
Amaryllis, Callas
Cold Storage Lilies

Write us for price

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106 West 28th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds,
\$3.50; 5000 Seeds, \$15.00.

Asparagus Sprengerii—1000 Seeds, \$1.00.
Salvia Bonfire— $\frac{1}{4}$ oz., 50c.; 1 oz., \$2.50.
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Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White
—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.

Snapdragon, Petunias, Verbenas, etc.

SEND FOR CATALOGUE.

Burpee's Seeds

PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

LILIUM GIGANTEUM

7/9 (300 per case).....	\$60.00 per thousand
8/10 (225 per case).....	80.00 " "
9/10 (200 per case).....	100.00 " "

Complete List of Florists' Choice Seeds.
A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.

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A Gladiolus Everyone Ought to Grow

MRS. F. PENDLETON

\$8.00 per 100, \$75.00 per 1000

JOHN LEWIS CHILDS, Inc.
Flowerfield, L. I., N. Y.

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FARQUHAR'S GOLD MEDAL CYCLAMEN



Awarded the Gold
Medal of the Massa-
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Strong plants in 2 1-4
inch pots, ready for
delivery now.

\$10.00 per 100

R. & J. FARQUHAR & CO., Boston,
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30-32 BARCLAY STREET - - NEW YORK

LEONARD'S SEEDS
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FOR SALE BY

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BURNETT BROTHERS

Importers and Growers of

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SEEDS, BULBS AND IMPLEMENTS
WHOLESALE AND RETAIL.

Reselected Strains in Seeds.

Improved styles in Implements.
Catalogue upon application.

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New Crop Now On Hand

For immediate or future delivery
prices quoted on application.

JOSEPH BRECK & SONS' CORP
47-54 North Market St., Boston, Mass.

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SPECIALIZE IN

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(personally selected strains)

WHOLESALE ONLY

Write for Special Prices, Spot or
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Only Address, LANGPORT, Eng.

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SEEDS, PLANTS AND BULBS
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Cost of Cable Letters, Deliveries, Must be Prepaid. Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.

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The Florist

"The Telegraph Florist"

Member of Florists' Telegraph Delivery

124 TREMONT ST.
BOSTON

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KANSAS CITY

Transfer Your Orders to

SAMUEL MURRAY

1017 Grand Avenue

Member Florists' Telegraph Delivery

DAVID CLARKE'S SONS

Deliver orders from any part of the country to

New York City

Write or Telegraph

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Telephone 1888-1888 Columbus

KOTTMILLER, Florist

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Telephone, Murray Hill 783

Out-of-town Orders Solicited. Location Central. Personal Attention.

Member F. T. D. Asso.

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32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

Providence, Rhode Island

Johnston Brothers
LEADING FLORISTS

38 Dorrance Street

Member Florists' Telegraph Delivery

Of Interest to Retail Florists**FOOD FOR THOUGHT.**

The case from a fishing trip at Belgrade Lake, and instead of a big catch of fish found a big catch of mail on my return.

Among the more interesting data were excerpts from Publicity Campaigns by the California Associated Raisin Company, Florida Citrus Exchange, California Fruit Growers Exchange, Hawaiian Pineapple Company, Ltd., California Walnut Growers' Association, Mutual Service Corp., on the Skookum Apple Campaign, and many others, all attesting to the wonderful results each of the members of these various associations are receiving in their national campaigns, due to manner and dispatch which they are able to proceed with their national advertising.

Why our campaign should lack for want of funds is beyond my reasoning power, except that perhaps those who have not as yet contributed let it go by carelessly instead of having the knowledge that we are all reaping the indirect benefits accruing from the magazine advertising backed up by the local advertising done by the florists direct.

All the above associations by their letters prove the inestimable value their respective campaigns have brought them.

Shall we continue to go on with our good work, or must we limit our field?

Will the florists who have always been progressive falter now, or shall we continue with our good work?

It is up to you. Send your remittance now to John Young, secretary, 1170 Broadway, New York, so that this campaign, which is only in its infancy, may still prove its merit.

There are too many of us who still have faith in our campaigning to let it slump.

Glancing through our trade press,

**IN THE
National Capital**

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKE

Connecticut Ave. and L St.
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Established 1874

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N. E. Cor. 44 St. & Madison Ave., N. Y. City (Member Florists' Telegraph Delivery Asso.) Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address, Dardsdor.

We should all strictly adhere to the request of the United States Food Administration.

**JOHN BREITMEYER'S
SONS**

Cor. Broadway and Gratiot Ave.
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**Artistic Designs . . .
High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada. Members Florists' Telegraph Delivery Association.



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WASHINGTON D.C.

GUDE BROS. CO.
WASHINGTON, D. C.

Member Florists Telegraph Delivery

Orders for NEW YORK.
Write or Phone to

MAX SCHLING

785 Fifth Ave.

Best Florists in the States as
References.

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Members of the Florists'
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23 STEUBEN ST.

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FLOWER DELIVERIES FOR ALBANY
AND VICINITY

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413 Madison Ave. at 48th Street
Also Newport, R. I.

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CHICAGO Send Your Orders to WILLIAM J. SMYTH

Member Florists' Telegraph
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Michigan Ave. at 31st Street

Prompt Auto Delivery
Service

THOS. F. GALVIN
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NEW YORK 561 Fifth Ave.
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Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
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1806 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

CLEVELAND
A. GRAHAM & SON
5523 Euclid Ave.
Will take good care of your orders
Members of F. T. D. Association.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506. Long Dist. Bell Phone 278.
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S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.

WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

note the successful Mothers' Day business reports everybody had, did this just happen, or was it the constructive work of florists generally by making special plans and using printers' ink to recall and remind the public of the day.

Think it over.

Will you do your share?

HENRY PENN,
Chairman, National Publicity Cam.

Henry Penn

NEW FLOWER STORES

Rochester, N. Y.—Kossman & Hildebrandt.

Providence, R. I. H. Oakley, 25 Mathewson street.

Lewiston, Ida. L. B. Hill, succeeding Thompson Floral Co.

Louisville, Ky. Robert Pallion, West Chestnut, near 18th street.

Rock Island, Ill. Joseph R. Tuckis, removing to Second avenue.

Cleveland, O. Avenue Flower Shoppe, succeeding Schoen Floral Co.

Cleveland, Ohio.—The Schoen Floral Company has been re-organized as The Avenue Flower Shoppe, with Leonard Utzinger president and V. C. Fish manager.

SEND ORDERS FOR BOSTON AND
NEIGHBORHOOD FOR
MEMORIAL DAY DELIVERY
To JULIUS A. ZINN
4 PARK STREET, BOSTON, MASS.

Quality and Reliability
WARBURTON
FALL RIVER, MASS.
Deliveries of Flowers and Plants
in FALL RIVER and contiguous
territory.

H. F. A. LANGE
WORCESTER, MASS.
Deliveries to all points in New England.
125,000 Square Feet of Glass.
Member Florists' Telegraph Delivery
Association.

YALE! YALE!
And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
J. N. CHAMPION & CO.
1026 Chapel St., New Haven, Conn.

ST. LOUIS, MO.

FRED C. WEBER
4326-28 Olive St.

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THE J. M. GASSER COMPANY,
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The Far-Famed Flowers of
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Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.
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8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.
EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all
Northwestern points given prompt attention
HOLM & OLSON, Incorporated.
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

PEONIES

Light and dark pink, white and red.
Varieties of the best keeping quality.

\$6 and \$8 per 100

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

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Before Looking Elsewhere

**Tell Them You Did So And
They'll Reciprocate**

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WHOLESALE FLORIST

1619 - 21 Ransstead St., Philadelphia, Pa.

CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

*Wholesale Cut Flowers
Plants, Greens, etc.*

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Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS

Consignments Solicited

Hardy Fancy Fern Our Specialty

264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

**We are Wholesale Florists Doing
a Strictly Wholesale Business**

30 East Randolph Street, CHICAGO



**IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.**

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON May 23		ST. LOUIS May 20		PHILA. May 13	
Roses						
Am. Beauty, Special	15.00	to 20.00	10.00	to 15.00	30.00	to 40.00
" Fancy and Extra	12.00	to 15.00	7.00	to 10.00	20.00	to 25.00
" No. 1 and culls	8.00	to 10.00	5.00	to 7.00	15.00	to 20.00
Russell, Euler, Mock	1.50	to 2.00	3.00	to 4.00	3.00	to 4.00
Hadley	1.50	to 2.00	1.00	to 1.50	2.00	to 2.50
Arenberg, Hoosier Beauty	1.50	to 2.00	3.00	to 4.00	2.00	to 2.50
Ward	1.50	to 2.00	2.00	to 3.00	2.00	to 2.50
Killarney, Radiance, Taft	1.50	to 2.00	3.00	to 4.00	2.00	to 2.50
Ophelia, Sunburst, Hillingdon	1.50	to 2.00	2.00	to 3.00	2.00	to 2.50
Carnations	1.50	to 2.00	1.00	to 1.50	1.00	to 1.50
Cattleyas	10.00	to 15.00	10.00	to 15.00	10.00	to 15.00
Lilies, Longiflorum	4.00	to 6.00	10.00	to 12.00	6.00	to 8.00
Lilies, Speciosum	3.00	to 4.00	10.00	to 12.00	3.00	to 4.00
Iris	2.00	to 3.00	10.00	to 12.00	3.00	to 4.00
Callas	4.00	to 6.00	10.00	to 12.00	8.00	to 10.00
Lily of the Valley	2.00	to 3.00	10.00	to 12.00	6.00	to 8.00
Snapdragon	2.00	to 3.00	10.00	to 12.00	1.50	to 2.00
Gladioli	2.00	to 3.00	10.00	to 12.00	3.00	to 4.00
Pansies	1.50	to 2.00	10.00	to 12.00	1.50	to 2.00
Peonies	4.00	to 6.00	10.00	to 12.00	1.50	to 2.00
Tulips	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Calendula	1.50	to 2.00	10.00	to 12.00	1.00	to 2.00
Stocks	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Wall Flowers	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Mignonette	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Sweet Peas	1.50	to 2.00	10.00	to 12.00	1.50	to 2.00
Marguerites	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Gardenias	15.00	to 20.00	10.00	to 12.00	10.00	to 12.00
Adiantum	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Smilax	1.00	to 2.00	10.00	to 12.00	1.00	to 2.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	15.00	to 20.00	10.00	to 12.00	10.00	to 12.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

**ROSES, VALLEY and
CARNATIONS**
A Specialty

**WHOLESALE
GROWER of**

CUT FLOWERS

ROBERT DYSART

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use
BOOKS BALANCED AND ADJUSTED
40 STATE ST. BOSTON
Telephone Main 56.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for
**CYCLES, BASKETS, WIRE DESIGNS
and WAX FLOWERS**
Send for price list if you have not re-
ceived one.

Flower Market Reports

The wholesale flower **BOSTON** market here has been hard hit. The receipts of stock continue to be far in excess of the avenues for its disposal and the consequence is hopeless accumulation of flowers in wholesale hands in which all seasonal varieties figure more or less but more especially roses and carnations. The losses on the latter this week—in fact, ever since the Mothers' Day smash-up, have been tremendous and the growers are naturally despondent while the wholesale dealers are dazed and don't know which way to turn. The retail stores are not doing very much, or the market would be in better condition, but they are better off than the rest for they get their supplies at a very small cost and are making a good profit on their sales at regular retail figures. They are doing excellent publicity work for the flower business in their window decorations which are exceedingly attractive and creditable to the artistic taste of the workers. Illogical as it may seem the present overwhelming glut of flowers seems not to have generated any noticeable amount of newspaper advertising to unload it, although in lines of business other than this, surpluses and overstocks are the most prolific source and incentive for wide newspaper publicity. Large quantities of roses, carnations and other flowers have been donated by the growers to the Red Cross to be sold at their pleasure. This is much better than letting the stock go to loss and cannot work any serious harm, of course, but the men who are producing the goods find little help from that when pay-day comes around.

The splendid run of business **CHICAGO** iness of a week ago, when Mothers' Day made a record here, continued till the middle of the week, when under the influence of the high temperature, stock became too abundant for the demand. It was not a case of the lack of buyers, for some houses report the sales to be normal, but the great quantity of flowers that poured in was out of proportion to anything like normal requirements. Prices are made on twenty-five and fifty thousand lots of carnations and roses by houses desiring to clean up, and quotations offer inducements to the florists who wish to have special sales.

Ever since Mothers' **CINCINNATI** Day the daily supply has been increasing in size while business has been only fair and as a result stock has accumulated in the wholesale houses. Prices are very low. The peony cut is extremely heavy; in fact it is one of the largest this market has ever had at this time of year. Roses and carnations are each plentiful. Lilies, callas, snapdragons, etc., are in good supply.

There are no bright **NEW YORK** spots in the situation this week. It seems that every variety of flower grown is in the market now. Peonies are coming in by the thousands and very



PEONIES

Now arriving from near-by points south of Philadelphia, of splendid quality and good assortment.

For Memorial Day we will have the best lot of Peonies (local stock) we've had for years, really wonderful quality. Prices for them will be the same as now.

\$6, \$8, \$10 per 100

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sta.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES—Per 100 TO DEALERS ONLY

	CINCINNATI May 20		CHICAGO May 20		BUFFALO May 20		PITTSBURGH May 13	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	40.00	to 50.00	20.00	to 30.00	25.00	to 30.00
" " Fancy and Extra.....	25.00	to 35.00	25.00	to 35.00	15.00	to 20.00	15.00	to 20.00
" " No. 1 and culls.....	8.00	to 15.00	6.00	to 15.00	3.00	to 10.00	4.00	to 12.50
Russell, Euler, Mock.....	6.00	to 15.00	3.00	to 20.00	5.00	to 10.00	6.00	to 20.00
Hadley.....	6.00	to 15.00	.....	to	3.00	to 6.00	.....	to
Arenberg, Hoosier Beauty.....	5.00	to 12.00	3.00	to 6.00	3.00	to 8.00	.....	to
Ward.....	4.00	to 8.00	3.00	to 6.00	3.00	to 5.00	4.00	to 10.00
Killarney, Radiance, Taft.....	3.00	to 8.00	3.00	to 6.00	3.00	to 6.00	4.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	4.00	to 10.00	2.00	to 10.00	3.00	to 10.00	4.00	to 18.00
Carnations	3.00	to 4.00	.50	to 2.00	1.00	to 2.50	.....	to 4.00
Cattleyas.....	50.00	to 60.00	40.00	to 60.00	40.00	to 50.00	50.00	to 60.00
Lilies, Longiflorum.....	10.00	to 12.00	8.00	to 10.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	.....	to
Iris.....	2.00	to 4.00	4.00	to 6.00	2.00	to 4.00	4.00	to 8.00
Callas.....	8.00	to 10.00	6.00	to 10.00	6.00	to 10.00	.....	to
Lily of the Valley.....	4.00	to 6.00	4.00	to 5.00	6.00	to 8.00	1.00	to 4.00
Snapdragon.....	6.00	to 12.00	6.00	to 10.00	3.00	to 8.00	6.00	to 8.00
Gladioli.....	.....	to 8.00	4.00	to 6.00	5.00	to 10.00	2.00	to 4.00
Pansies.....	.....	to 1.00	4.00	to 6.00	2.00	to 4.00	.50	to 1.00
Peonies.....	4.00	to 8.00	4.00	to 8.00	5.00	to 8.00	.....	to
Tulips.....	9.00	to 4.00	2.00	to 3.00	1.00	to 2.00	.....	to
Calendula.....	2.00	to 3.00	.....	to 2.00	1.00	to 3.00	.....	to
Stocks.....	2.00	to 4.00	.....	to	2.00	to 3.00	1.00	to 4.00
Wall Flowers	2.00	to 3.00	.....	to .....	.....	to .....	.....	to
Mignonette.....	4.00	to 6.00	8.00	to 5.00	2.00	to 3.00	.....	to
Sweet Peas.....	.50	to 1.50	.25	to 1.00	.50	to 1.00	.50	to 1.50
Marguerites.....	1.00	to 1.50	.50	to 1.00	1.00	to 1.50	1.00	to 3.00
Gardenias.....	1.50	to 3.00	15.00	to 20.00	15.00	to 20.00	.....	to
Adiantum.....	.....	to 1.00	.....	to 1.00	1.00	to 1.25	.75	to 1.50
Smilax.....	15.00	to 20.00	12.00	to 18.00	15.00	to 20.00	20.00	to 25.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	35.00	to 50.00	50.00	to 75.00

little call for them. The general demand is less than a week ago. Roses are not improving any with the warm weather, and they meet with little demand. Carnations go begging, the supply being heavy and quality rapidly deteriorating. With Beauties going cheap and orchids in evidence on every hand, it is not difficult to size up the situation. With the mass of outdoor material it does not seem that there will be any shortage for Memorial day.

Market here is **PHILADELPHIA** only fair — big lots of flowers and moderate demand. Carnations and peonies are especially in superabundance and prices on these ruling low. Plenty of roses with the exception of American Beauties. In the latter it is not so much quantity but quality that is lacking. They have to be picked over very severely to get really first-class flowers. As a consequence prices are higher than at this time a year ago. Russells are very

good quality and coming in freely with prices about normal. The same may be said about the other standard varieties. Sweet peas are not so plentiful. The good ones sell well but the lower grades are hard to move. Lilies continue in good supply and of excellent quality. Snapdragon, iris, calendula, gladiolus and outdoor blossoms are among the other outstanding features in the market. Of course the peony is having its heyday, being now in bloom locally, and in fine shape. It will be all the rage up to and including Memorial Day.

There has been less **PITTSBURGH** doing in a business way since Mothers' Day than for many months past. Consequently there is a glut of practically everything, which condition promises to continue until Memorial Day. Then we shall have plenty of fine home-grown peonies, if present promises are fulfilled. The first shipments

Continued on page 519

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

New Address, 143 West 28th St., NEW YORK
Telephone: 2266, 2261, Madison Square.

WM. P. FORD

Wholesale Florist

107 W. 28th Street, NEW YORK

Telephone 5335, Farragut

Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.

WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments Solicited

Phone Farragut 4386

FRANK MILLANG

Wholesale Commission Dealer in

CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building

Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.

Wholesale Commission

READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT

WHOLESALE FLORIST

109 WEST 28th ST

CONSIGNMENTS SOLICITED

PHONE 605 / FARRAGUT NEW YORK
609

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.

119 W. 28th St., - - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 5276 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 / 2059 FARRAGUT 131 West 28th St., NEW YORK CITY

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - - NEW YORK

Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street

Telephone, 12-5516 Madison Square

MAURICE L. GLASS, Treasurer

Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending May 18 1918		First Part of Week beginning May 20 1918	
American Beauty, Special	10.00	to 20.00	10.00	to 20.00
" " Fancy and Extra	8.00	to 10.00	6.00	to 8.00
" " No. 1 and culls	.50	to 4.00	.50	to 4.00
Russell, Euler, Mock	.50	to 8.00	.50	to 8.00
Hadley	1.00	to 20.00	1.00	to 20.00
Arenberg, Hoosier Beauty	.50	to 6.00	.50	to 6.00
Ward	.50	to 6.00	.50	to 6.00
Killarney, Radiance, Taft	.50	to 6.00	.50	to 6.00
Ophelia, Sunburst, Hillingdon	.50	to 6.00	.50	to 6.00
Key	.50	to 6.00	.50	to 6.00
Carnations	.50	to 3.00	.50	to 3.00

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3632-3533 Madison Square

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5581.

**N. Y. FLORISTS' SUPPLY
COMPANY, Inc.**

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our

Metal Designs, Baskets, Wire Work & Novelties

and are dealers in

Decorative Glassware, Growers and

Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Our Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor

BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$3.75 Sample free.
For sale by dealers.

When writing to Advertisers kindly mention Horticulture

Flower Market Reports

(Continued from page 517)

of these blooms came in the latter part of last week from Sarcoxie, Mo., and in prime condition. Vegetation all around is two weeks in advance of any prior season noted. Owing to this fact, we cannot depend on the outside blooms usually expected for Decoration Day, all being now in the height of their season. Mothers' Day was a superb success from the business standpoint at least. There seemed to be just about enough flowers, with the exception of carnations, which sold at the wholesale price of \$10 per 100. Other blooms were sold at low figures and the cheaper flowers were most in demand. Roses are now so plentiful that it is a satisfaction to get rid of them in quantity lots at "any old price."

Lilacs are in

ROCHESTER, N. Y. full blossom.

The supply of sweet peas is heavy and quality good considering conditions. Carnations and lilies are very plentiful with a steady demand. Darwin tulips are very plentiful. Pansies are selling fairly well. Roses are in abundance but the demand is none too brisk and lower prices prevail. Smilax and other greens are in good demand but the supply is somewhat limited.

Stock is very plentiful,

ST. LOUIS carnations way down, 2 cents being high mark for good quality. The same with roses, which are sold very cheap. Cape jessamines are arriving in big supply from South. Peonies are also coming good.

Peonies dominated the market last week. Carnations selling at \$10 per hundred for Mother's Day, could be had at from \$3 down to \$7.50 per thousand for short-stemmed stock. Roses are coming in mildewed because of the too early shutting down of the heating plants. Lily of the valley is very scarce and orders go unfilled. Baby gladioli are here in quantities and are selling well. Orchids are good and in fine demand. Candytuft moves and pond lilies, just arrived, sell on sight. American Beauty roses are a bit off now. Peonies have killed the sale of Easter lilies. Business continues fine and the month of May bids fair to eclipse the same month in any preceding year.

NEWS NOTES

Portland, Ore.—Walenta Bros. succeed August C. L. Zitzewitz, with greenhouses also at Lents.

Lewiston, Idaho.—L. B. Hill has bought the flower store of The Thompson Floral Co. He was formerly with Hoyt Bros. Co. for several years.

Columbia, S. C.—The Rose Hill Greenhouse has been bought by A. B. Warren, who will do business under the name of Whales Garden Greenhouse.

The Iowa Seed Dealers' Association will hold a meeting at Des Moines, Ia., in the Chamber of Commerce on June 4-5.

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3086

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending May 18 1918		First Part of Week beginning May 20 1918	
Cattleyas.....	10.00	to 25.00	10.00	to 25.00
Lilies, Longiflorum.....	2.00	to 5.00	2.00	to 5.00
Lilies, Speciosum.....	2.00	to 4.00	2.00	to 4.00
Iris.....	2.00	to 6.00	2.00	to 6.00
Callas.....	4.00	to 8.00	4.00	to 8.00
Lily of the Valley.....	1.00	to 3.00	1.00	to 3.00
Snagdragons.....	2.00	to 8.00	2.00	to 8.00
Gladioli.....	2.00	to 8.00	2.00	to 8.00
Pansies.....	.25	to .50	.25	to .50
Peonies.....	3.00	to 6.00	3.00	to 6.00
Tulips.....	1.00	to 2.00	1.00	to 2.00
Calendula.....	.50	to 2.00	.50	to 2.00
Stocks.....	.50	to 2.00	.50	to 2.00
Wall Flowers.....	1.00	to 3.00	1.00	to 3.00
Mignonette.....	.25	to 1.00	.25	to 1.00
Sweet Peas.....	.50	to 1.50	.50	to 1.50
Marguerites.....	4.00	to 25.00	4.00	to 25.00
Gardenias.....	.25	to 1.00	.25	to 1.00
Adiantum.....	12.00	to 15.00	10.00	to 15.00
Smilax.....	8.00	to 10.00	8.00	to 10.00
Asparagus Plumosus, & Spreng (100 bunches).....				

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

BUSINESS TROUBLES

Percival S. Brown, florist, Scituate, Mass., has filed a petition in bankruptcy. Liabilities, \$9,172. Assets, \$9,044.

Minneapolis, Minn.—H. B. Whitted, voluntary petition in bankruptcy, assets, \$33,387.98, of which \$7,615.81 is exempt; liabilities, \$27,977.68.

Lester W. Mann and Ernest W. Mann, doing business under the firm name of Mann Bros., florists, West street, Randolph, Mass., have filed a petition in bankruptcy. Their liabilities amount to \$18,845, of which \$6,500 is secured and \$12,054 is due to about 75 unsecured creditors. The assets are estimated at \$12,150. Individually, L. W. Mann owes \$9,239 and has \$3,800 assets, and E. W. Mann has liabilities amounting to \$8,438 with assets estimated at \$2,810. Mann Bros. have a large stand in the Boston Flower Exchange where they do a general wholesale flower business.

"A HOT TIME IN THE OLD TOWN"

A correspondent in Washington writes to the editor as follows:

"We hope to have some notable doings here on the 27th and 28th. First and above all the Fuel Commission meeting at 10 o'clock on the morning of the 27th; on that afternoon we hope to have inspection of the rose gardens at Arlington Farms and the following morning the hearing before the Federal Horticultural Board with reference to round-tailed moths, long-tailed flies and short-tailed bugs, etc. This latter, no doubt, will be a very interesting and racy meeting."

VISITORS REGISTERED.

Boston.—John Young, New York.

Washington, D. C.—Leonard Barron, Garden City, N. Y.

Cleveland, O.—Thomas Knight, Heatherhome Co., New York.

Pittsburgh.—A. Colyn, Voorhout, Holland; E. J. Fancourt, S. S. Pennock Co., Phila.

New York.—David Thom, on furlough from camp at Alliston, Ala.; Christopher Phalos, N. Y. Florist Co., Rochester, N. Y.

Cincinnati.—Mr. Anderson, representing A. L. Randall & Co., Chicago; Mrs. A. H. Daily, Knoxville, Tenn.; Mr. and Mrs. G. A. Beckmann, Middletown, Ohio; C. S. Barnaby, Columbus, Ind.; J. T. Heidegen, Aurora, Ind.; Jos. Hill, Richmond, Ind.

PATENTS GRANTED

1,263,856. Agricultural Spraying. Cyril B. Clark, New York, N. Y. assignor to Thomsen Chemical Co., Baltimore, Md.

1,263,965. Weed-Cutter. Ralph A. Twitchel, Montreal, Mo.

1,264,096. Irrigating Flower-Pot. Leonard I. Lelievre, Seattle, Wash.

H. BAYERSDORFER & CO.
Manufacturers and Importers
1129 Arch St., PHILADELPHIA, PA.
THE LEADING FLORISTS' SUPPLY
HOUSE OF AMERICA

WAR INDUSTRY DELUSIONS

At the spot where the delusion is that you cannot get power out of a machine than you put into it in the form of fuel.

Perpetual motion tinkers have tried in vain to violate that law, and every one of them has failed.

A similar failure awaits the nation that imagines it can thrive on war industry alone.

No industry under heaven pays its own expenses. No industry under heaven consumes its own products. Each industry draws the fuel for its power from other industries. The expenses of each industry are paid by consumers occupied in other industries, and hence the success of one is bound up in the success of all.

The consumer of war products is the Government. Here is a consumer who is not in turn a producer, and cannot therefore pay for what it gets. It is compelled, as are all governments, to secure funds (to exchange for war products) by means of taxation. Taxes are imposed by the Government—upon industry. Hence it is unavoidable that in order to secure funds with which to secure products for war purposes the Government must have the support of industries able to stand the strain of the necessary taxation.

The process of getting blood from turnips has not yet been successful.

Unless industries make money they cannot produce money for Government use. They cannot pay taxes. They cannot buy bonds.

Trying to confine the industries of the United States to war industries exclusively is an effort to send the American dollar through a narrowing spiral that eventually comes to a dead stop.

Hence to prosecute the war successfully our industries must be kept busy, and they must make money. The only way in which industries at large can do this is for as many of them as possible to do business with others than the Government. And this volume of non-war business must be big enough and with profits great enough to meet all industrial expenses and, in addition, to supply funds for Government war needs. Hence, unless our non-war business can be made to pay for the war the war will eat us down to poverty. Therefore, the need of non-war business is imperative beyond any question.

The recent Liberty Bond campaign shows the early effects of the narrowing spiral referred to above. Four weeks of the most wonderful and costly advertising, four weeks of innumerable and amazing "stunts," and four weeks of the most tremendous selling effort were required to put the issue across. Why? Because people were unwilling to buy bonds? Because the people did not know a war is on? Not

at all. No people are more ready to stand behind their Government than we Americans are. But when the Government's need is money, our ability to supply that need depends upon our ability to earn money. And the fact is that in recent months so much money has been taken out of non-war industrial channels (and not returned thereto) that the American people are not so certain of their ability to buy bonds as they were in previous months when industry was going along more smoothly. An influence here, to be sure, was the approaching income tax day. The same \$100 would not pay income tax and buy bonds. Men were forced to make provisions for the tax, and in many cases their bond buying ability was reduced.

This condition in general will grow worse instead of better, unless very decided steps are taken to encourage non-war industry.

It did not take a war to bring us the soup-houses of 1893-4.

And we shall certainly again make the acquaintance of soup-houses unless non-war industries are encouraged, and that speedily.

This is no special plea for the automobile industry. It is a plea for all industries. It is a plea for the United at the front and our people at home. For, assuredly, unless the morale of the people at home is maintained, unless they have food, clothing, shelter and some degree of happiness, our boys at the front will lack that abundant provision which they ought to have, which they must have, to be successful, but which they can have only on condition that we maintain our prosperity at home. For out of poverty no nation can prosecute war.

Such is the good sense of the American public that, no matter what problems arise, we find eventually the right answer and come through victorious. But it would be tragic beyond measure if this war were to be lengthened a single hour because of the confusion of today, which is directly due to our mistaken prophets.

Therefore, if we are serious in wanting to win this war, we need first of all get rid of misleading doctrines, and to spread quickly and vigorously and broadcast the knowledge that our safety and our success in war depend upon greater production, greater activity, more business and greater prosperity here at home, right at this time, and so long as war continues.

We must wake up, and we must wake up in a hurry.

Charles W. Mears, the Winton Company, in New York Sun.

Adolph Kruhm, who has been with the Garden Magazine for some time past and is well known, especially in the seed trade, is now handling the advertising in the Garden Magazine. Mr. Kruhm was formerly connected with Burpee's and Livingstone's and has also been in the advertising agency business. He is a frequent writer on vegetable growing.

Obituary

Wm. C. Beckert.

Word has just been received of the death of William C. Beckert, aged 68, president of Beckert's Seed Store, North Side, Pittsburgh, Pa.

Ernest C. Loeffler.

Ernest C. Loeffler of Washington, D. C., brother of Mrs. William F. Gude and life member of the S. A. F. and O. H., passed away quite suddenly last week from heart failure. His death occurred at the home of his brother, Andrew Loeffler, of Benning, D. C.

Ernest W. Bowditch.

Ernest W. Bowditch, who did notable work in landscape architecture throughout the country, is dead at his home at 336 Adams street, Milton. He was in his 69th year and was a native of Brookline. He was the son of William I. Bowditch, a conveyancer. His mother was Sarah Higginson Bowditch. He was a direct descendant of Nathaniel Bowditch, author of "Bowditch's Navigator."

David R. Craig

David R. Craig, an enthusiastic amateur horticulturist, and member of the garden committee of the Massachusetts Horticultural Society, died at his country estate in Wellesley, Mass., on May 16. Mr. Craig, whose health has been failing for the past two years, was 64 years of age, a native of Middletown, Conn. He leaves a widow, one daughter and three sons, one of the latter being a second lieutenant in the motor transport department in France.

Mrs. James Taplin

Mrs. Taplin, widow of James Taplin, an able and distinguished gardener of a generation ago, died at the family home in Maywood, N. J., on May 10, aged 90 years. She was born in Worcester, England. She is survived by two sons and two daughters, the two sons J. S. and W. H. Taplin being well-known plant growers and one of the daughters, Emily Louise, being a clever writer on horticultural topics and for many years filling an important position in the office of the Rural New Yorker.

NIAGRA SULPHUR SPRAY.

Fruit growers are warned against combining with arsenate of lead a powdered spray now being sold as a substitute for liquid lime-sulphur. This is called Niagra Soluble Sulphur. When combined with arsenate of lead as a summer spray, it is apt to cause burning of the foliage and many of the leaves to drop. This company now advises against its combination with arsenate of lead, though dealers are selling it as a substitute for the liquid lime-sulphur in such combinations. In Ohio orchards it can be used with safety as a summer spray only in case arsenate of lead is omitted from the spray.—T. H. Parks, Ohio State University.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE

For Catalogues and Discounts address

AUGUST ROLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

PUBLICATIONS RECEIVED

The Fourteenth Annual Report, 1917, of the Massachusetts State Forester, Frank W. Rane, has been received. It deals largely with the new plantations and reforestations of public reservations, the work of combatting the invasion of destructive insects, diseases and blights, fire fighting, care of roadsides, etc., and will be found a very instructive document in expounding the fundamental principles of forestry, both in utilizing present forestry products in the industries, and also in providing if possible for future needs.

College of Agriculture, Agricultural Experiment Station at Berkeley, Cal., has just issued a bulletin on Bean Culture in California by G. W. Hendry, with appendix on the Composition of California Varieties of Beans by M. E. Jaffa and F. W. Albro and on Insect and Other Enemies of Beans by E. R. DeOng. There is much useful information for those in the seed trade having an interest in beans, as the whole process from planting to harvesting and preparing for market of some sixteen varieties of commercial importance is given with much minute detail on every point. The bulletin comprises 62 pages and has many illustrations, including a sheet showing the different beans in their natural colors and sizes.

Our Trees—How to know them. New Revised Octavo Edition. By Arthur I. Emerson and Clarence M. Weed. 149 illustrations. \$3.50 net. This is the fifth edition, enlarged and embellished, of a standard work that has already reached an enviable position of popularity. About twenty pages of new material have been added to the new edition of this

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standard work on the trees of America. There are 11 extra illustrations, making 149 in all, of which 138 are beautiful full page reproductions of high-class photographs from nature.

The new introductory material begins by telling of the general characteristics of the different trees, how they change in summer, autumn, winter and spring, why they drop their leaves, how they prepare their flower and leaf buds for new growth. It explains how to distinguish each species at a glance at any season of the year and it gives a description of the rarer trees imported for forest use or on account of beauty of flower or form, including conifers and those with colored foliage. The relative usefulness of important species for street, garden, small park and woodland planting is also treated and direc-

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Published by J. B. Lippencott Company. Copies for sale by HORTICULTURAL Publishing Co., Boston.

CATALOGUE RECEIVED

"Beautiful Home Surroundings"

With its art cover and alluring title this handsome publication by The Framingham Nurseries, Framingham, Mass., is quite a departure in appearance from the typical nurserymen's catalogue and the contents are in material and arrangement equally unique. Instructive illustrated chapters on Foundation Planting, Deciduous Flowering and Ornamental Shrubs, Evergreens for various uses and aspects, Screen Planting, Hedges, Wind-breaks, Pergola Planting, Plants to Attract Birds, etc., etc., are carried through the body of the book in elaborate detail, along with extensive tabulated lists of sizes and prices of material adapted for the described purposes. Printing and illustrations are very fine.

Hanford, Cal.—The Hanford Floral Company has been purchased by George Lorenz, who will do business under the old name.



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AMERICAN SWEET PEA SOCIETY.

The American Sweet Pea Bulletin and Schedule for 1918 has just been issued. This is the official organ of the American Sweet Pea Society and includes in its contents the complete schedule and rules for the Tenth Annual Exhibition and Convention which is to be held in Wanamaker's Greek Hall, Philadelphia, on June 25-26. The bulletin contains also instructive communications on The Sweet Pea Industry in England by J. S. Brunton, Growing Sweet Peas in Tubs, by



WILLIAM GRAY

Secretary, American Sweet Pea Society.

James Watt, An Amateur's Experience by Wm. G. Taylor, Stray Notes on Sweet Peas by Geo. W. Kerr, and Sweet Peas in California by G. Cuthbertson.

The Convention program is as follows:

Tuesday, June 25, 1918, 3 p. m.—Address of welcome.

President Kerr's address.

Secretary's report; Treasurer's report.

Reports on the trial grounds at Cornell University, Ithaca, N. Y., by Prof. A. C. Beal.

Nomination of officers for 1919; invitations for the next meeting place.

Election of officers.

Vote on the next meeting place.

Good of the society—Addresses and discussions.

Unfinished business. Adjournment.

Copies of the prize schedule may be had on application to the secretary, William Gray, Bellevue avenue, Newport, R. I.



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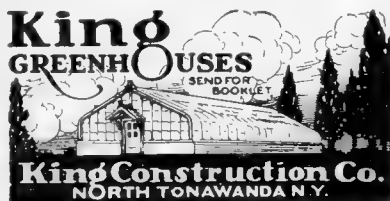
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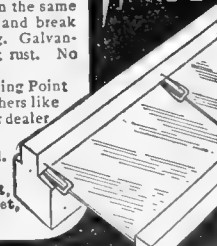
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Awarded first prize at International Flower Show, New York, March, 1917, for best new rose.

Awarded additional silver medal at same show for display of Rosalind.

Awarded silver medal by the Horticultural Society of New York.

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Vol. XXVII

JUNE 1, 1918

No. 22



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VEGETABLE CULTURE

CONDUCTED BY



Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Planting Out

About the first week of June is a time generally safe for transferring to the open ground all tender vegetables brought forward in pots under glass. It is always far better in districts where late frosts are known to be prevalent, even this late in the season, to defer the planting of these tender kinds for a few days until well satisfied that weather conditions warrant the step being taken. The present is an exceptionally forward season which leads to the assumption that all planting may be done with safety. It is well to remember, however, that a few cold nights may inflict injury from which very tender stock does not readily recover; therefore, be assured that tomatoes, egg plant and limas are thoroughly inured to outdoor conditions before planting them from pots.

Later Sowings

Make further sowings of lima beans, okra, cucumber, melon and squash if need be, and for the maintenance of a continued supply of such desirable kinds as peas, string beans, sweet corn and lettuce sow at frequent intervals. Peas from sowings after the 20th of June are not usually a paying crop. From now on sow second early peas; they are generally more productive than the taller growing main crop varieties. Lettuce should be planted convenient to the water supply and in a position sheltered from the direct rays of the midday sun. Skeleton frames and lath screens provide excellent shelter for the crop at this season. Rich soil and abundance of water at the roots are essential. Carrots, beets and radishes are in constant demand; there should be no shortage of these in a young and fresh condition for the table just now. See to it that later demands will be met. Make small but frequent sowings throughout June and July. Onions may still be sown for salading and forward beds of main crop varieties should be thinned if necessary. The best onions for keeping are those of moderate size and perfectly ripened. To have well ripened bulbs for harvesting the thinning should not be too severe; allow the bulbs sufficient room only to develop to a reasonable size.

Witloof Chicory

Witloof chicory becomes more popular each year. Sow in drills 15 inches apart and thin the plants to 9 inches in the rows. Treat the bed as for carrots. The ground should be deep and fertile but free from recent manuring to ensure good straight roots for forcing. Chicory is a splendid addition to the supply of winter vegetables and with very limited facility and ordinary

care may be successfully forced at a time when fresh esculents are not only scarce but most appreciated. Stewed and served with butter, chicory at once becomes an excellent substitute for seakale. On the other hand it may be served in a raw state and eaten as celery or else be allowed to form a component of salad, and for this latter purpose it is probably most highly prized.

Brussels Sprouts and Celery

Brussels sprouts may still be planted out in rich ground and will furnish useful "buttons" in the fall and early winter when peas are out of question and corn and beans can be no longer gathered from the open garden. Plant in showery weather, or better still, when rain is predicted. Prepare celery trenches in advance rather than allow this work to lag behind. It is bad policy to defer this task until the plants are actually suffering through overcrowding. Use plenty of manure for this crop. It is hardly possible to apply an overdose, and although some of it be left in the ground when the crop is cleared the plot will be in capital condition for the crop which follows. The planting of celery should be done in a business-like manner. Remove suckers and puny lower leaves as the work proceeds and above everything avoid deep planting. Water liberally in dry weather and finish with a dusting of soot. The plants will thrive better if a light shade can be afforded them for a few days after planting. Where space is limited plantations may be made between pea rows approaching maturity and the brush if left standing will give what little shade is necessary. If planted in an exposed position a good plan is to lay pea brush across the celery trenches to give plants newly transplanted a little protection from the direct rays of the hot sun.

The June Hustle

The month of June calls for constant hustle. Artificial watering as well as heavy rains tend to pack the ground, therefore cultivate persistently between the rows of all growing crops. The ravages of all species of insect pests, too, becomes a source of much anxiety. Early application of prescribed remedies is the best way of handling the situation. The tender foliage of varieties of squash suffer injury from corrosive spraying. Slug shot dusted on the leaves of these and similar kinds is effective against attacks of the squash bug. Bordeaux mixture is a cheap and excellent preventive of all forms of blight and fungoid diseases, while arsenate of lead solution may be effectively applied on most kinds of vegetables in the early stages of growth affected with chewing insects.



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Beware of the swindler We must again warn the trade against sending money to alleged traveling representatives for subscription or other purpose connected with HORTICULTURE. A complaint similar to those heretofore mentioned has been received from a florist in Alexandria, Va., that he had paid for subscription to a man giving the name of George Harris who also promised him a "Book of Floral Designs" as a premium, but neither paper nor book had been received. HORTICULTURE employs no traveling solicitors and does not offer premiums of any kind. Any one representing otherwise and attempting to collect money for any purpose on HORTICULTURE'S account is a fraud and should be turned over to the police.

Super-wheat We have seen a number of newspaper notes extolling an alleged new and wonderful accomplishment of Luther Burbank—the production of a "Super-wheat" so called, which being perfected just at this time when the world is hungering for wheat, is enthusiastically assumed to place that much advertised gentleman's name in a still loftier niche than ever before among the benefactors of the world. What we do not know about wheat would

tell a very large one, but we gather from the aforementioned comments that the "Wizard" claims to have produced a wheat which is suitable for the climate of California, also that it can be grown successfully anywhere from pole to pole. But experience of course is the only thing that will determine that. From inquiries among acquaintances that know something about farm seeds we learn that there is a wheat which has been going the rounds for a number of years and which is a very heavy yielder, but that it has been discarded because it cannot be milled. Evidently Mr. Burbank has corrected that fault. As to the boasted yield, would say that a wheat grower in New Jersey several years ago produced 42 bushels to the acre. We believe that in France and Belgium, and also England and Ireland, 40 to 50 bushels of wheat per acre are produced annually. One grower from the West has stated that he saw wheat produced in Idaho at the rate of 100 bushels per acre. There was a sheaf of it exhibited in Madison Square Garden, New York, which after the show was over, was exhibited in the window of Peter Henderson & Co. for a couple of years, so that this reported yield of 40 bushels to the acre for Burbank's production could hardly class his variety as a "Super-wheat." Where only 15 bushels to the acre are produced (which the Burbank item mentions as an average yield), it can be reasonably assumed it is because of unsuitable soil—not enough fertilizer in it.

Practical philanthropy

We have had the pleasure of reading a most interesting letter received by Mr. Frederic R. Newbold, treasurer of the Horticultural Society of New York, from Mrs. Mortimer Forest who is now in France representing that society and several other Societies and Garden Clubs in the work of endeavoring to rehabilitate agriculturally by the distribution and planting of fruit trees in the orchards and vineyards of the devastated battle-scarred districts of France, a labor on which, however, little can be done profitably, now that much of the ground to be restored is being fought over again. Attention is called to American superiority in many departments of agriculture and an agricultural school to teach American methods will probably be established as soon as the war is over. Mr. Newbold is also an indefatigable worker in the support of the American Fund for French Wounded. This great charity is undertaking to supply 4200 hospitals in France. The Red Cross has turned over to this agency the looking-up of United States soldiers who are scattered among the French hospitals, under the direction of Mrs. B. G. Lathrop, a co-worker with Mrs. Forest. The experiences of these women as related in the letter received, detailing the privations of the people who have been driven destitute from their homes are most pathetic and heart-touching and it is not surprising that, on hearing the recital of these details of the agony that is being suffered there hour after hour and day after day, with no end in sight, the New York Florists' Club promptly followed the example of the New York Horticultural Society and appropriated from its funds the cost of an automobile to carry nurses from one hospital to another in that stricken country. Other instances of resultful practical generosity on the part of the floricultural people are given in the news notes in this issue from Lancaster, Pa., and Boston. These are typical of the entire country. The Red Cross workers have no better friends in any class than among the florists. Let us hope this will not be forgotten when the florist needs some one to stand up for him.

The Late Maurice Levaque de Vilmorin

By the death of Maurice Levaque de Vilmorin the world has lost one of its most highly esteemed and distinguished dendrologists, best known by the Fruticetum Vilmorinianum which he established in 1896 at Les Barres, near Nogent-sur-Vernisson (Loiret), where he assembled the largest and best arranged collection of shrubs in Europe. The relations Vilmorin was able to establish with some of the French missionaries living in China enabled him to introduce into his collections many Chinese trees and shrubs which before his time were unknown in Europe, and among his correspondents in China are found the names of Delavay, Armand David, Farge and Soulié, now familiar to all students of the Chinese flora. The most conspicuous of the Chinese plants Vilmorin obtained through his missionary friends was the *Davidia*, the tree for which Wilson first went to China.

The Fruticetum Vilmorinianum occupies a part of the Vilmorin estate on which in 1815 the grandfather of Maurice, André Levaque de Vilmorin, planted an important Arboretum which has now become the property of the state and is known as L'Ecole Forestiere des Barres. The Fruticetum Vilmorinianum supplemented

the Arboretum and the two collections have made Les Barres one of the most important of all dendrological stations.

Maurice Levaque de Vilmorin paid two long visits to the Arnold Arboretum and was one of its constant and most valued correspondents. Many plants, including the largest collection of American Hawthorns in Europe, first raised at this Arboretum, are now growing in the Fruticetum Vilmorinianum, and to his generosity the Boston Arboretum owes many of its rare and interesting plants, including the first *Davidia* which ever reached the United States. An interesting account of the Fruticetum Vilmorinianum from the pen of Edward André is printed in the *Revue Horticole* for 1900, and in 1904 Vilmorin published a preliminary catalogue of his collections with descriptions and figures of rare and little known species.

C. S. Sargent
Arnold Arboretum.

OBITUARY.

Maurice L. de Vilmorin

The Vilmorin family has been sadly stricken again. Philippe's premature passing away is still fresh in our memory, when the sad news reaches us of the sudden death, on the 21st of April last, at his country seat of "Les Barres," where he went to enjoy a little rest, of his uncle, Mr. Maurice L. de Vilmorin, aged sixty-nine. The day before he left Paris, Mr. Maurice appeared at the office of the firm and seemed to be in the usual good health, though the loss of his son-in-law, Captain de Lesse, who died a short time ago from a disease contracted on the front, had afflicted him to a great degree. Mr. Maurice, after having taken lunch with his family, retired, as was his wont, to his bureau to attend to his correspondence; nobody took any heed of him until several hours later, when entering the room, his daughter found him dead from hemorrhage.

A brother of the late Mr. Henry de Vilmorin, Mr. Maurice, until he retired two years ago, has been an active member of the seed firm bearing his name for about 40 years. Speaking several languages, he had traveled extensively and visited twice the United States as Commissioner to the International Expositions of Philadelphia in 1873 and Chicago in 1893. Like his forefathers, he always took the keenest interest in everything pertaining to agriculture as well as horticulture. He was an authority on arboriculture and his famous and unique collection of trees and shrubs located near the State forestry school established by his grandfather at "Les Barres" and which contains the finest set of American oaks to be found in Europe, gave him many occasions to contribute dendrological articles to the French and foreign periodicals.

Having friendly intercourse with most of the French missionaries in



MAURICE L. DE VILMORIN.

China, Japan and other far away countries, he has introduced many very interesting plants, part of which are described in his illustrated "Fruticetum Vilmorinianum." Well known to all tree lovers, and a personal friend of Prof. C. S. Sargent, of the Arnold Arboretum, Mr. Maurice de Vilmorin, member of the Legion of Honor, had been President of the Academie d'Agriculture, the highest Agricultural Society of France, embodying half a hundred of the most distinguished French agriculturists, and of the Botanical Society of France, vice-president of the National Horticultural Society, of the National Society of Acclimation and of the Dendrological Society of France, etc.

A high character, Mr. Maurice commanded the respect of all who knew him. Nobody was more unassuming and he was always held in the highest

esteem by his employees and all persons who came in contact with him.

Mr. Maurice is survived by two sons and three daughters. His eldest son, Mr. Jacques L. de Vilmorin, 35 years old, now mobilized in the Army, has been a member of the firm for ten years. He is therefore familiar with all the routine work of the business. He has attended of late years to the selecting, breeding and crossing. Being in a position to avail himself of the observations and collections of his father, he will, in future, pay particular attention to the scientific part of the business and we may be sure, follow the paths of his ancestors. His younger brother, who has not yet ended his studies, is an officer in the French Army on the front.

The other members of the Vilmorin family who are in the Army are, so far, in good health and we hope they will remain so until the end of the terrible struggle.

Maurice Hendberg

Maurice Hendberg one of the old-time florists of Hoboken, N. J., died at his home in that city on May 17 aged 76 years. He was a native of Sweden. He emigrated to this country in 1861 and promptly enlisted in the Union Army in the Civil War. He enjoyed a high position in the esteem of the people of Hoboken and of the florist trade in New York and neighborhood. He turned over his business to his son William M. Hendberg, several years ago.

Charles W. Collins.

Charles W. Collins, florist, Toronto, Ont., died Saturday night May 20, following illness of one week at his home, 338 Cumberland street. Deceased was born in England but had resided in Toronto for the past twenty-five years. He was a past president of the Sons of England and a member of the 13th Royal Regiment. He is survived by his wife.

EFFECTS OF THE SEVERE WINTER AT THE ARNOLD ARBORETUM

Most of the Taxodiaceae have been grown successfully in the Arboretum have suffered from the cold of the winter. All the forms of the Japanese *Taxus cuspidata*, however, are now as green and fresh as they were in October. As the years pass the confidence in the value of this plant increases and it has never been as great as it is this spring. Among all the plants which Japan has contributed to the gardens of the eastern United States no other is so generally valuable. Fortunately American nurserymen are at last beginning to realize that this Yew has some commercial value, and it will soon be within the reach of everyone who has a garden or wants to plant the best possible evergreen hedge for New England. The form of this Yew (var. *chinensis*) introduced by Wilson from western China is less hardy than the Japanese plant. In a collection of young plants of the Chinese form, in as protected a position as could be found in the Arboretum, some are slightly injured and others are dead. It is not probable that this fine tree, therefore, will ever become established in Massachusetts. On all the forms of the European Yew (*Taxus baccata*) there are dead leaves and dead or injured branches. All the plants of *T. baccata erecta* have been killed, and there are a few dead branches even on *T. baccata repandens*, the plant with wide-spreading, semiprostrate stems which has lived in this climate for several years without injury and has been considered here the hardiest and most desirable of all the forms of the European Yew for New England. Plants of the Canadian Yew (*T. canadensis*), the so-called Ground hemlock of northern woods, planted in the shade or in full exposure to the sun, have been badly disfigured as the tips of most of the branches and all the upper leaves have been killed. The leaves on upper branches of the Japanese *Torreya nucifera* are dry and beginning to turn brown, but the buds appear to be uninjured and the plants may recover. It has not suffered here before and for the last two or three years has been producing fruit in the Arboretum. The California *Torreya* (*T. californica*), which has been nursed along in a sheltered position for years and has suffered more or less every winter, appears to have at last entirely succumbed. Young plants in a sheltered position of the Japanese *Cephalotaxus drupacea* are little injured but the handsomer *C. fortunei* from western China has suffered and it is doubtful if this fine tree will live through many years in this climate.

Broad-leaved Evergreens.

As it was natural to expect, the plants of this class have been more injured by the winter than any others, for with few exceptions they cannot be successfully grown in this climate under even the most favorable conditions. *Ilex opaca*, which has grown well in the Arboretum for many years where it has been the only broad-leaved evergreen tree which has lived here, has suffered seriously. Nearly all the leaves have been killed and some of the plants appear to be dead. The large plants of the Japanese *Ilex crenata*, which were raised from seed at the Arboretum twenty-five years ago, have been so badly injured that it is doubtful if they can recover. The Inkberry (*Ilex glabra*), a common shrub in the region of the coast from New Hampshire to Texas, has lost the ends of many branches and most of its upper leaves. Plants of an evergreen Holly (*Ilex pedunculata*) introduced by Wilson from western China have, however, not been injured by the winter. This is a handsome tree with long-stalked red fruits, and is distributed through Japan and western China. Judging by our experience here with other evergreen Hollies, the chances that it will ever grow to maturity are not very good. For the first time in the Arboretum there are brown leaves and dead branches and flower-buds on some of the Laurels (*Kalmia latifolia*). The damage is not serious but it is interesting as showing how the hardiest native plants, even when planted in exceptionally good positions, may be injured by a winter like the last, which has killed also the ends of the branches of such common New England evergreen shrubs as the little Sheep Laurel (*Kalmia angustifolia*) and the Leather Leaf (*Chamaedaphne calyculata*). The leaves of *Leucothoe catesbaei* are badly browned even on plants in moist shady positions which this species prefers. A native of the southern Appalachian forests, it has been considered one of the hardiest and most satisfactory broad-leaved evergreens which could be planted in this climate. *Leucothoe arillaris* has also lost its leaves but will probably recover. *Pieris* or *Andromeda floribunda* is uninjured and is now covered with flowers, and its condition confirms the belief here that this is one of the hardiest, handsomest and most desirable broad-leaved evergreen shrubs which can be grown in this part of the country. Its Japanese relative, *Pieris japonica*, seems equally hardy, but its larger and more beautiful flowers open earlier and are often injured by spring frosts.

Evergreen Barberries.

The four Chinese evergreen Barberries, *Berberis julianae*, *B. Sargentiana*, *B. cuneata*, and *B. Gagne-*

pauia, from which so much has been expected, have suffered seriously. *B. Julianae* and *B. Sargentiana* will probably not recover, and there is little hope that much garden beauty will ever be obtained in this region from evergreen Barberries, for all the Mahonias which have been grown here are in unusually bad condition this spring, with the exception of the dwarf *Mahonia* or *Berberis repens* from the Rocky Mountains, and even this has lost many of its leaves. All the forms of the European Box, although carefully protected, have suffered badly and some have been killed. Even the Japanese Box (*Buxus japonica*), which has been growing in an exposed position here for twenty years without protection, will lose for the first time some of its leaves from the ends of the branches. This handsomest plant has suffered, however, less than might have been expected, and if Box is to be planted in eastern Massachusetts with the expectation that it will be a permanent garden ornament it is this Japanese species which must be used. The Chinese climbing Honeysuckle (*Lonicera Henryi*), which has proved perfectly hardy until last winter and from which much was expected, has lost all its leaves, but as its stems are still alive it may recover. *Teucrium chamaedrys* and *Salvia officinalis* are nearly killed, and *Daphne genkwa*, has suffered seriously. The two evergreen Chinese Viburnums, *Viburnum rhytidophyllum* and *V. buddleifolium*, have lost all their leaves but may possibly recover.

Thanks probably to the abundant rains of the summer and autumn, the Rhododendrons in the Arboretum have suffered less than they did three years ago, although in some of the gardens near Boston the loss of these plants has been more serious than ever before, whole plantations which have been growing for thirty or forty years having been destroyed. In the Arboretum the only species which has suffered is *R. micranthum*, the only evergreen Chinese Rhododendron which has ever lived long enough in the Arboretum to flower and which has now lost many of its upper branches. There are dead branches on some of the Catawbiense hybrids, and among them, in addition to a number of hybrid seedlings sent to the Arboretum for trial by an English nursery, the following have been killed: James Smith, Marshall Brooks, Mrs. Thomas Agnew, Marquis of Waterford and Gomer Waterer. One specimen of Mrs. C. S. Sargent, which has always been considered one of the hardiest of all the Catawbiense hybrids, has been so injured that it will have to be removed. *Rhododendron azaleoides*, or *fragrans*, one of the hybrids between a Rhododendron and an Azalea, has also been killed.

—Arnold Arboretum Bulletin.

THE GARDENER'S PLACE

Editor HORTICULTURE:

Referring to an article in HORTICULTURE, April 27, 1918, entitled The Gardener's Place, I wish to make a few remarks to the question raised. I will start out by referring back to my early days in America, when I arrived in New York on April 14, 1880, from the Island of Saints and Scholars. My age at the time was 27 years, and with an intense love of landscape and flowers but not having had a good opportunity in my native home to get a practical insight to the cultivation of many of the improved varieties of flowers, shrubs, etc., except in our kitchen garden of about one-half acre where I had built in the corner a wild flower garden about 20 feet square laid off very artistically and planted with such wild flowers as the primrose, cowslip, crowfoot, wall-flower, phlox, Johnny-jump-up, violets, etc. For shrubs and vines I used only the woodbine and lilac which I had arranged in one corner so as to form a very cosy spot for me and my chums to read, play and enjoy ourselves in during our leisure hours. And could we grow things in this country as I have grown in dear old Ireland and be able to retain all the sweet and delicate fragrance, what a charm it would be in any collection of hardy shrubs. Well, I am getting away from my subject and will retrace my steps to my first experience in this glorious country of ours. I say ours, because the first thing I did after landing was to take out my first papers so as to lose no time in becoming a full-fledged citizen of America, which I became the third year after landing. I have always felt proud of the step taken, and now at my sixty-fifth year am proud to say that I am in position to give to my adopted country both in money and manhood the means at my command to help Uncle Sam in this day of trial and test. While my history as a gardener is by no means elaborate, as I have had only two jobs in my thirty-eight years in America, the first three years as a private gardener in Philadelphia and for the past thirty-five years as landscape gardener to the Norfolk & Western Railway Company with my headquarters at Roanoke City, Va., I have not allowed myself to get isolated from the affairs of men of my kind as I always subscribe for good works on matters pertaining to gardening in all its branches. But what got closer to me than anything that has happened during my thirty-eight years as gardener in America was before I left Philadelphia. I wrote to a friend in Boston, Mass., making inquiry as regards the prospects of getting a job there, and his answer was this: "Don't come to Boston to work as gardener as no one works at that business here except negroes and the commonest kind of white folks." You can imagine how I felt at the insult. The result was I never wrote or called on my friend though I have been in Boston several times since, but I found out that he was not the only one in those days who tried to besmirch a class of men whose veracity and principle have always been the equal if not the superior of men of any other profession,

CLUBS AND SOCIETIES

Meetings Next Week

Monday, June 3.

Bernardsville Horticultural Society, Horticultural Hall, Bernardsville, N. J.
 Elberon Horticultural Society, Fire Hall, Elberon, N. J.
 Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
 Montreal Gardeners' and Florists' Club, Montreal, Canada.
 New Bedford Horticultural Society, New Bedford, Mass.
 Florists' Club of Washington, Washington, D. C.

Tuesday, June 4.

Florists' and Gardeners' Club of Holyoke and Northampton, Mass.
 Lake Geneva Gardeners' and Foremen's Association, Horticultural Hall, Lake Geneva, Wis.
 Los Angeles County Horticultural Society, Los Angeles, Cal.
 Paterson Floricultural Society, Y. M. C. A. Bldg., Paterson, N. J.
 Florists' Club of Philadelphia, Philadelphia, Pa.
 Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, Pittsburgh, Pa.

Wednesday, June 5.

Tuxedo Horticultural Society, Tuxedo Park, N. Y.

Thursday, June 6.

Albany Florists' Club, Albany, N. Y.
 Reading (Pa.) Florists' Association, Reading, Pa.
 Southampton Horticultural Society, Odd Fellows Hall, Southampton, N. Y.

Friday, June 7.

North Shore Horticultural Society, Manchester, Mass.
 North Shore Horticultural Society, Lake Forest, Ill.
 Pasadena Horticultural Society, Pasadena, Cal.
 People's Park Cottage Gardeners' Association, Paterson, N. J.
 Yonkers Horticultural Society, Yonkers, N. Y.

Saturday, June 8.

Pacific Coast Horticultural Society.

and why should it not be so? No class of men are thrown in as close touch with the better and more refined element of people in this or any other country as are the gardeners, so I would say in reply to the question raised in HORTICULTURE that the gardener's place, either in business or in the every-day walks of life, is among the most refined and Christian people in the community in which he resides, and I thank God that I have lived to see the day when our profession has so proven its value to society that any of the heretofore reflections against our calling have been entirely eliminated from the category of our heretofore most severe critics. So our standing today, brought about first through our own industry and fair dealings, and secondly through well organized societies and our many well edited trade journals is the envy of most all other professions and I hope same will continue and improve as the years roll by.

PATRICK FOY,
 Roanoke, Va.

TORONTO HORTICULTURAL SOCIETY

There was a long and animated discussion at the meeting of the Toronto Horticultural Society, May 22, on the question of a national flower. A resolution was passed unanimously, protesting against the creation of any national emblem that would tend to displace the maple leaf, but it was suggested that a flower might be chosen that would be suitable for planting on the soldiers' graves in France. It was pointed out that a representative committee at the University of Toronto in March had passed a similar resolution with regard to the maple leaf. A special committee of the Horticultural Society had discussed whether a national flower could be secured, or whether Provincial flowers were practicable, and the idea of a Hero's Flower" had appealed most to them. Replying to a suggestion in favor of the trillium, Dr. Shuttleworth declared that the trillium would not grow in France, and the columbine, he said, also was too frail.

AMERICAN DAHLIA SOCIETY

Last Call for Special Prizes

As the executive committee of the A. D. S. is now engaged in preparing the special premium lists for both the New York and Boston Dahlia exhibitions to be held in September, it is requested that friends of the society who intend to offer prizes for either of these shows notify the secretary at once, in order that proper classes may be arranged.

To date the prize lists promise to equal those of previous seasons, but it is confidently hoped that a greater variety of exhibits will be attracted by a larger premium list. Offers of prizes are therefore invited.

J. R. LEWIS,
 Secretary.

736 Riverside Drive, New York.

AMERICAN GLADIOLUS SOCIETY

Buffalo has been selected for the annual convention and exhibition of the American Gladiolus Society which has broken away from the Society of American Florists which this year is to meet in St. Louis, Mo. The dates selected for the Buffalo convention are August 10 to 20 inclusive. Sessions and exhibition will be held here in Elmwood Music Hall.

The Chatham, Ont., Horticultural Society membership has increased from 208 to 500 during the past three years and the government grant has increased from \$125 to \$800 during the same time.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

The Publicity Campaign

The secretary during the week just closed made a short tour into Eastern territory and found everywhere everywhere enthusiastic over the Publicity Campaign. While liberal contributions had already been made from the sections covered, several additional subscriptions were obtained, and as an endorsement of the work of the Society twenty-five additions were made to the membership roll.

A great deal of newspaper publicity was obtained for flowers in connection with the Italy-America Flower Day, May 24th, and reports so far received are to the effect that a large amount of business resulted for this day.

The Campaign Fund is still a long way from the point where it was hoped it would be by this time. While many staunch supporters of our project have given liberally, the amount of the fund as it stands today represents but a small percentage of what the trade can and ought to contribute.

The giving to the fund need not "hurt." The money will come back multiplied many times, without the shadow of a doubt. It is not a gamble; on the contrary, it is good business enterprise. It is an organized effort

and it is meeting with great success to keep flowers in the public mind as essential for home use, and for gifts which are to carry a sentiment. Surely, when just now there is so much propaganda in evidence tending to turn the public mind from the use of flowers this campaign is an absolute necessity. Were flowers generally tabooed in these wartimes, what would become of the florist trade? For self preservation, if for nothing else, it behooves every florist to contribute when he can to a fund which is providing a defence against propaganda designed to cause the elimination of flowers from home life. Give to this fund so that the efforts of the committee may be continued indefinitely. If you cannot give \$10, give \$5. If you have already given, just look around you, and think what might have been had not this defence been launched, then give again. Don't expect the one shot to help you over the top, and don't let the other fellow say that his ammunition has been your protection. Do your bit and take comfort for having done it. What is \$50,000 to an industry such as the florist's? And that is the amount aimed for to carry on this

year's service. The fund for the year is still only in part subscribed. Just a little thought, just a little realization of the necessity for publicity, and just a little dip into your pocket, Mr. Nonsubscriber, and the required amount will be reached. You will be glad that you have done your part, glad that you have had the opportunity to do it. Next year you will be glad to do more.

The following additional subscriptions to the fund have been recorded:

Annually for Four Years: Gustav A. Pohl, Milwaukee, Wis., \$5; Edw. Van Reath, Jr., Hamilton, Md., \$1; Boehringer Bros., Bay City, Mich., \$25; Geo. Vatter, Marinette, Wis., \$5; Mrs. L. P. Fowler, Wilmington, N. C., \$3; Newell's, Houlton, Me., \$3; Stelzigs' Floral Store, Bellefontaine, Ohio, \$5; Louis Kirch, Louisville, Ky., \$5; H. N. Lewis, Long Beach, Cal., \$2; Hugo H. Jahn, Brooklyn, N. Y., \$10; Butte Floral Co., Butte, Mont., \$25; State Nursery Seed Co., Helena, Mont., \$25; Hanson Floral Co., Butte, Mont., \$5; Ed. Williams, Grand Island, Neb., \$10; Mrs. R. E. Darbee, San Francisco, Cal., \$25; H. F. Littlefield, Worcester, Mass., \$25; Geo. B. Whitehead, Greens Farms, Conn., \$10; Ed. Pohl, Hartford, Conn., \$7.50; Foster & Foster, West Palm Beach, Fla., \$5.

For One Year: Ludwig Floral Co., N. S. Pittsburgh, Pa., \$25; Wm. Geenan, Kimberley, Wis., \$10.

Total, \$236.50. Previously reported from all sources, \$34,530.25. Grand total, \$34,766.75.

EARLY PEONIES.

Found at last a very early red peony. Nurserymen have had trouble for many years in getting peonies early enough for Decoration Day. Generally, there will be a few scattering ones on that day and thousands two days after. We must have peonies that will bloom on time. A clear, deep, beautiful red has always been in demand. For three years we have watched Brand's Richard Carvel. They fill the bill blooming with us from the 18th of May to the 21st. Understand these peonies were planted last fall and passed through one of the severest winters known—which was very dry and very cold. The flower is exceedingly fragrant and a most delicate deep red a beauty.

Mr. Brand claims a very beautiful pink called Doctor Berry which he has never been able to show at the summer meetings because they bloom and are gone before that time. So we have now what the North has long been searching for peonies of beauty and fragrance for Decoration Day.

AMERICAN LILACS.

"About ten years ago seeds were sowed by John Dunbar from first-class parent lilacs growing in Highland Park, Rochester, N. Y. Several hundred were raised. From this batch under observation during the past two or three years nine good varieties were obtained. Six of these were named two years since as follows: President Lincoln, single blue in color; A. B. Lamberton, inclined occasionally to a semi-double, violet lavender; Adelaide Dunbar, semi-double, deep crimson in bud; W. C. Barry, single, pearly lavender, and General Grant and General Sherman, both of these single, with varying shades of porcelain lavender.

"Three more were named last week as follows: General Pershing, semi-double, large clusters, star-shaped blossoms, porcelain lavender in color. General Sheridan, semi-double, white, erect clusters; General Haig, large clusters, single, pearly mauve."

Newport, Vt.—The florist business, including land and buildings, of H. J. Ball has been sold to T. C. Camp. Mr. Ball has conducted a successful florist business for many years, and he together with the same force, will continue with Mr. Camp for some time to come.

C. S. HARRISON LOSES HIS SIGHT.

We learn with sorrow and sympathy that our dear old friend and correspondent, Rev. C. S. Harrison, of York, Neb., has now become hopelessly blind. The surgical part of removing a cataract was highly successful, but owing to the carelessness of the nurse the eyeball was ruptured and there is now no hope. So Mr. Harrison not only loses his sight but must endure the pain of a dying eye. He will now turn his business over to his sons, the "Harrison Nursery Co." He hopes soon to publish the 4th Edition of the "Peony Manual." His "Gospel of Beauty" which was completed shortly before his blindness, contains a picture of the author and a brief sketch of his life. This little volume has received high commendation from many sources. No doubt some of our readers may wish to procure a copy. It sells for 50 cents in paper covers and \$1.00 cloth bound and Horticulture will be pleased to supply same to any who would like to possess this delightfully characteristic souvenir of a devoted and eloquent apostle of beauty in trees and flowers.

Congratulations on your excellent editorial about "essential 'non-essentials'." It is real Americanism. C. New York.

C. S. Harrison.

Your Mears editorial is fine. Great Stuff! M. Ohio.

PUBLICITY VIA RED CROSS

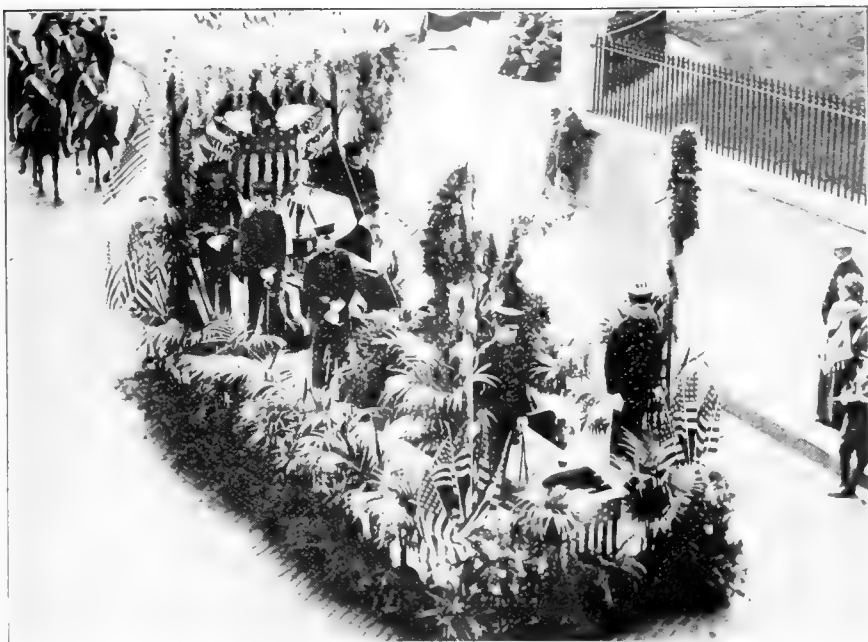
If the florists of the entire nation had carried out a program of publicity in each city as the Lancaster County Florists' Association did on May 25 for the benefit of the second Red Cross War Fund, a lot of the talk about flowers being non-essential would die.

Mrs. Albert M. Herr conceived, and with the cooperation of the association, carried to execution the sale of donated flowers at various booths, placed at vantage points on the streets; the success being so great that our most sanguine expectations were exceeded. The booths were decorated with Red Cross posters, and conspicuously displayed was the slogan, "Say It With Flowers." The amount of cash realized was over \$700—which would have been much larger had our supply of flowers been adequate. Long before the demand was satisfied the stock was exhausted, and repeated calls to headquarters had to be turned down.

This puts our industry—as far as Lancaster is concerned—squarely before the city authorities and officials conducting this great campaign of mercy, as no other method of advertising could do. Had each city in the United States carried to so successful an end a similar campaign, the flower industry would be so thoroughly in the limelight that the S. A. F. committee could undoubtedly have the recently issued fuel order greatly modified at the conference of the 27th inst.

There were other methods of raising money galore, though most of it was begging, pure and simple, while the Red Cross girls at our booths received 5c. for a daisy or two sweet peas, 10c. to 25c. for a carnation, and 25c. and up for roses.

We did not notice any competition on the streets by other so called non-essentials, such as the confectioners offering to pin a bon bon on a man's coat, or the saloons offering to decorate him with a glass of beer, though the effects of the latter decorations were evident in the crowds. However these and other industries were doing a fine business, though the Red Cross did not receive all the proceeds. The retail florists' trade suffered some-



Red Cross Parade Float by Penn the Florist

what. This was inevitable and was borne cheerfully, as what business they lost was in a manner their contribution to the Red Cross.

I would not wish to suggest that florists should not give cash to these campaigns, as we should give as much as it is possible for us to afford; but in addition to cash, any florist body whose members would each give a few hundred or thousand carnations, sweet peas, roses, or any small flower that will serve as a bottonniere, would be giving in a way that his dollars would be multiplied ten, or even an hundred-fold. Nor should giving the flowers be the end of your efforts. That is only the beginning. An efficient organization, willing and eager salesgirls, runners to keep the supply equalized on the various booths, a study for the proper location for the booths, and the proper flowers for the different sections, etc. This we found very important, as certain flowers as peonies, iris, etc., could not be sold in some sections nearly as well as in others. This manner of campaign, nationwide, would command the attention of all the big men and women of the entire country, and would—I firmly believe—put our industry on a basis of necessity and value as no other action or advertising could do.

If Lancaster with 50,000 inhabitants could raise \$1000 in this manner—and we would have gone over this had there been more stock on hand—the amount that could be raised throughout the entire country would be hundreds of thousands of dollars. Such an amount of money being raised by the unselfish efforts of this industry would likely bring new business to the florists. Many workers for the same cause would see the value of flowers, others their beauty, and still others would buy flowers in a spirit of rec-

procity for our unselfish efforts in helping a great cause.

And as a result it is improbable that the fuel administration in the future will ask us to cut our business in two, or greatly restrict it to conform to the present ruling.

We would be demonstrating the value of our profession to the Nation in a manner that few, or no other industries could do.

ELMER J. WEAVER.

Ronks, Pa.

THE THINGS THAT MAKE A SOLDIER GREAT.

By Edgar A. Guest, from "Over Here." (The Reilly & Britton Company.)

The things that make a soldier great and send him out to die,
To face the flaming cannon's mouth, nor ever question why,
Are lilacs by a little porch, the row of tulips red,
The peonies and pansies, too, the old pe-tunia bed,
The grass plot where his children play, the roses on the wall:
'Tis these that make a soldier great. He's fighting for them all.

What is it through the battle smoke the valient soldier sees?
The little garden far away, the budding apple trees,
The little patch of ground back there, the children at their play,
Perhaps a tiny mound behind the simple church of gray,
The golden thread of courage isn't linked to castle dome
But to the spot, wherever it be, the humble spot called "home."

And now the lilacs bud again and all 's lovely there,
And homesick soldiers far away know spring is in the air;
The tulips come to bloom again, the grass once more is green,
And every man can see the spot where all his joys have been
He sees his children smile, he hears the bugle call,
And only death can stop him now, he's fighting for them all.

What Is That Plant?

A difficult question to answer usually unless flowers are present, because the ordinary Manuals make use of flower and fruit characters. It may be answered easily for over 1000 trees and shrubs, including those most commonly planted in the eastern States and in northern Europe, from foliage only, by aid of the 200-page book, "Plant Materials of Decorative Gardening," by William Trelease, convenient for handling and of a size to fit the pocket, which may be had of the HORTICULTURE PUBLISHING CO., for \$1.00—postpaid.

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. O. Hearlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Mendel, Cleveland, O.

Wholesale Seedsmen's League.

A meeting of the Directors of the Wholesale Seedsmen's League was held at the Hotel Club in New York City on May 14th, May 16th, 1918.

For present and future the very short supply of garden seeds remaining on hand for summer and early autumn sales, and the limited supply which certainly will be obtained from the harvest of the approaching autumn were discussed, the consensus of opinion being that the supply of certain seeds is exceedingly insufficient, particularly of turnip, rutabaga and kale, due to winter injury, and also to indifference on the part of the seed farmers in many sections, because of higher prices obtained by them for all other agricultural products and the scarcity and inefficiency of labor in most districts.

The following resolution was adopted:

“In view of the almost complete collapse of garden seed production in Europe, the impending short crops of many varieties of garden seeds grown in the United States, and the uncertain costs of a large portion of some of the directors deem it unwise to give any expression as to prices until after crops are harvested.”

Canary Island Onionseed Crop Outlook.

(Consul George K. Stiles, Tenerife, Apr. 12)

At this time, approximately three months before the commencement of export to the United States of the 1918 Canary Island onionseed crop, the outlook is for a yield approximately 15 per cent. above the average and probably little, if any, below the record production of last year. The plants, while damaged to a certain extent by severe wind storms early in April, have nevertheless profited greatly by the timely rain which has fallen during the first half of this month. The outlook is now said to be excellent, both for the white or “crystal wax” variety and for the yellow and red grades, all of which are exported to some extent to the United States.

Up until the last few days the shipping crisis, caused by the practical tie-up of Spanish steamers for Cuban and American ports, appeared to threaten the delivery of the onion seed, which constitutes at this time 90 per cent of the Canary Islands' exports to the United States. While these steamers have now apparently resumed their usual routing, there is still a certain element of doubt concerning the continuance of this service; and it might not be out of place for American buyers to decline to make payment for this class of merchandise until the actual arrival of the goods themselves, and not to make payment simply on arrival of bills of lading, as has very largely been the practice heretofore. This suggestion is made

“Seeds with a Lineage” All Varieties
Thoroughly tested at our trial grounds, Raynes Park, London, England. Send for Catalogue
CARTERS TESTED SEEDS, Inc., 166 Chamber of Commerce Bldg., Boston, Mass.

WEEBER & DON SEEDS

114 CHAMBERS ST.
NEW YORK

J. BOLGIANO & SON

Careful Seed Growers and Seed Distributors for One Hundred Years

WRITE FOR OUR 1918 SPECIAL CATALOGUE
To Market Gardeners and Florists
Pratt and Light Sts., BALTIMORE, MD.

because of the unprecedented shipping conditions under which the trade must be conducted this season.

Prickly Seeded Spinach

“Prickly seeded spinach, an old favorite type that is coming back on the market this year, because seed of the common spinach—Savoy leaf is scarce, has just as much food value and as good a flavor as the smooth-leaf Savoy which you are more accustomed to buying. Don't snub it.”

Specialists of the United States Department of Agriculture make the above explanation, because they fear a loss to growers may result from the belief of many consumers and dealers that the prickly seeded type, which somewhat resembles dandelion in appearance, is a new spinach, differing in food value. The Savoy is now almost the only type grown commercially, but it is explained that only a few years ago the prickly seeded spinach was the most popular kind produced for winter use.

Seed to Farmers at “Cost.”

Stimulating the production of foods, feedstuffs, and live stock, promoting the fuller conservation of farm products generally, are the objects of the bill reported to the House May 6 by the Committee on Agriculture. The new act carries an appropriation of \$11,712,283, and, in addition, makes available as a revolving fund during the period of the war the \$2,500,000 appropriated by the food production act for the purchase and sale of seed to farmers for cash at cost, as well as the \$4,000,000 for the same purpose appropriated by the urgent deficiency act of 1918.

The Seed Reporting Service of the U. S. Department of Agriculture gives the following summary of the corn situation to date:

We Make a Specialty in GRASS MIXTURES

For

The Lawn, Shady Spots or Under Trees, the South, the Benchore, the Terrace and Restoring Old Lawns, Polo Grounds, Tennis Courts, Putting Greens, Fair Greens, Meadows and Pastures.
All of the Finest Recleaned Seeds.

J. M. THORBURN & CO.

Established 1802.

53 Barclay Street, NEW YORK

GARDEN SEED

BET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS

62 Dev St., NEW YORK and ORANGE, CONN.

“While the planting season of corn generally is well advanced, many sections report delayed planting due to weather conditions. This is not true so much in regard to location or sections as it is to the character of soil. On low, flat and heavy land planting has been delayed considerably, and a summary of reports from Illinois would indicate that a very large per cent. of the crop is yet to be planted.

“Michigan has planted little corn yet. Some sections of northern Illinois, Indiana and Ohio report that the corn is nearly all planted, while other sections, even far south of these points, report they are just starting to plant, or planting has been considerably delayed. Many sections report corn coming up well and not much replanting necessary, while some say that corn is very poor stand, and others, that heavy replanting has been necessary. Demands for seed corn lately have not been as heavy, but it is feared that these demands will be heavier as the season advances and more of the crop is planted.

“In sections where care has been used in testing the corn, reports are excellent. Where this care has not been exercised, reports are that much replanting will be necessary. In one Illinois county where fifty-four samples were obtained from planters in the field and this corn tested, twenty-five of them showed moderate to poor germination. The average of the entire lot out of a hundred grains of each, planted showed—64 strong, 15 weak and 21 grains dead.”

It is further stated that no “field-run” corn germinating over 80 per cent. has been reported from the district of North and South Dakota, Minnesota and Wisconsin.

W. Atlee Burpee, Jr., secretary and treasurer of the W. Atlee Burpee Company, has enlisted in the United States Naval Reserves.

MICHELL'S New Crop Flower Seeds

ASPARAGUS PLUMOSUS NANUS
Northern Greenhouse-grown Seed
1000 seeds...\$ 3.50 | 10,000 seeds...\$30.00
5000 seeds... 15.50 | 25,000 seeds... 72.50

ASPARAGUS SPRENGERI
1000 seeds...\$0.75 | 10,000 seeds...\$ 5.50
5000 seeds... 3.00 | 25,000 seeds... 12.50

CINERARIA ½ tr. Tr.
pkt. pkt.
Grandiflora Prize, Dwarf...\$0.60 \$1.00
Grandiflora Med. Tall... .60 1.00

PRIMULA CHINENSIS
½ tr. Tr.
pkt. pkt.
Alba Magnifica...\$0.60 \$1.00
Chiswick Red... .60 1.00

Duchess... .60 1.00
Holborn Blue... .60 1.00
Kermesina Splendens... .60 1.00
Rosy Morn... .60 1.00
Prize Mixture... .60 1.00

PRIMULA OBCONICA GIGANTEA
Lilacina. Lilac...\$0.50
Kermesina. Crimson... .50
Rosea. Pink... .50
Alba. White... .50
Hybrida Mixed... .50

Also all other Seasonable Seeds, Bulbs and Supplies

SEND FOR WHOLESALE PRICE LIST

MICHELL'S SEED HOUSE
518 Market St., Phila.

Lilium Candidum
Amaryllis, Callas
Cold Storage Lilies

Write us for price

AMERICAN BULB CO.
179 W. Wabash Ave. CHICAGO, ILL.

ROMAN J. IRWIN

106 West 23th St., NEW YORK
CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds, \$3.50; 5000 Seeds, \$15.00.
Asparagus Sprengeri—1000 Seeds, \$1.00.
Salvia Bonfire—¼ oz., 50c.; 1 oz., \$2.00.
Salvia Zurich—¼ oz., 75c.; 1 oz., \$4.00.
Stocks Beauty of Nice, 75% Double Flowers—Shell Pink, Bright Pink, Purple, White—Tr. Pkt., \$1.00; ¼ oz., \$2.00; 1 oz., \$5.00.
Snapdragons, Petunias, Verbenas, etc.
SEND FOR CATALOGUE.

Burpee's Seeds

PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES
MAILED ONLY TO THOSE WHO PLANT
FOR PROFIT

LILIUM GIGANTEUM

7/9 (300 per case)..... \$60.00 per thousand
8/10 (225 per case)..... 80.00 " "
9/10 (200 per case)..... 100.00 " "

Complete List of Florists' Choice Seeds.
A postal card will bring our catalogue.

S. S. SKIDELSKY & CO.
1004 Lincoln Bldg., PHILADELPHIA, PA.

Let Us Quote You on
CALLA ELLIOTTIANA
IRIS, LILIUMS, PAEONIES, ETC.
For Fall Delivery
JOHN LEWIS CHILDS, Inc.
Flowerfield, L. I., N. Y.



We have just received
ANOTHER THOUSAND TONS
Of Our Celebrated
**South American Sheep
and Goat Manure**

This is unexcelled for top dressing any crop or mixing with the soil, or for use in solution. There is no safer or surer material to be had.

Write for prices and receive a supply while it lasts. It is difficult to obtain.

SANDERSON FERTILIZER AND CHEMICAL CO.

Subsidiary of the American Agricultural Chemical Co.

NEW HAVEN, CONNECTICUT

Stumpp & Walter Co

SEEDS AND BULBS
30-32 BARCLAY STREET - - NEW YORK

LEONARD'S SEEDS

and SEED SERVICE

FOR SALE BY

LEONARD SEED COMPANY, Chicago, Ill.

BURNETT BROTHERS

Importers and Growers of

SEEDS, BULBS, PLANTS, &c.

98 Chambers Street, New York

THOMAS J. GREY COMPANY

SEEDS, BULBS AND IMPLEMENTS
WHOLESALE AND RETAIL.

Re-selected Strains in Seeds.
Improved styles in Implements.
Catalogue upon application.

16 So. Market Street
BOSTON, MASS.

LILIUM GIGANTEUM

New Crop Now On Hand

For immediate or future delivery
prices quoted on application.

JOSEPH BRECK & SONS' CORP
47-54 North Market St., Boston, Mass.

KELWAY & SON

SPECIALIZE IN

SEEDS

(personally selected strains)

WHOLESALE ONLY

Write for Special Prices, Spot or
Forward

Only Address, LANGPORT, Eng.

W. E. MARSHALL & CO.
SEEDS, PLANTS AND BULBS
Horticultural Sundries

166 W. 23rd St., NEW YORK

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611 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and Foreign Countries. Orders from the trade for delivery in New York and vicinity receive special attention.

Cost of Cabling Foreign Deliveries Must be Prepaid. Reference or cash must accompany all orders from unknown correspondents.

Cable Address, ALEXCONNELL.

Penn.
The Florist

"The Telegraph Florist"

Member of Florists' Telegraph Delivery

124 TREMONT ST.
BOSTON

FOR

KANSAS CITY

Transfer Your Orders to

SAMUEL MURRAY

1017 Grand Avenue

Member Florists' Telegraph Delivery

DAVID CLARKE'S SONS

Deliver orders from any part of the country to

New York City

Write or Telegraph

2139-2141 Broadway, - New York
Telephone 1000-1200 Columbus

KOTTMILLER, Florist

426 Madison Ave. and 49th St., New York. Also Vanderbilt Hotel

Telephone, Murray Hill 783

Out-of-town Orders Solicited. Location Central. Personal Attention.

Member F. T. D. Asso.

ADAM SEKENGER
FLORIST

32 NEWBURY STREET, BANGOR, ME.

We Cover all Points in Maine

Providence, Rhode Island

Johnston Brothers
LEADING FLORISTS

38 Dorrance Street

Member Florists' Telegraph Delivery

Of Interest to Retail Florists

A POUND OF ENERGY WITH AN OUNCE OF TALENT.

"A pound of energy with an ounce of talent does more than a pound of talent with an ounce of energy"—an old saying of Matthews.

Think this over seriously and apply to your coal problem next winter when our Government says we are to be curtailed fifty per cent. What are you going to do to overcome this obstacle and yet do your duty to your country? Get this right. If fifty per cent. curtailment of coal is going to lessen a great percentage of your production, and yet you must make that production equal the earning power of your total investment, so as to be able to overcome your taxes, etc., and to which you are justly entitled, how shall we remedy it?

By using a pound of energy with an ounce of talent.

Just send in a check to our Publicity Campaign fund so we may carry on this popularizing of flowers in the minds of the public, thereby keeping the publicity movement working indirectly for you, Mr. Grower, as well as for the entire craft. If we can succeed in creating a greater demand than the production during this particular period than you now have, may we not expect higher prices for your flowers and plants?

On the contrary, let us assume that we did not have a Publicity Campaign and that the demand during this war period falls off. With your fifty per cent. curtailment of coal and production and a fallen off of demand, what return can you expect to make up for your curtailment? There is one solu-

IN THE
National Capital

At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

GEORGE H. COOKE

Connecticut Ave. and L St.
WASHINGTON, D. C.

Established 1874

DARDS
FLORIST

N. E. Cor. 44 St. & Madison Ave., N. Y. City (Member Florists' Telegraph Delivery Asso.) Flowers shipped on all Steamers. Special Correspondence in all the large cities of Europe and the British Colonies. Telegraph and Cable address, Dardsflor.

We should all strictly adhere to the request of the United States Food Administration.

JOHN BREITMEYER'S SONS

Cor. Broadway and Gratiot Ave.
DETROIT, MICH.

Artistic Designs . . .
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada. Members Florists' Telegraph Delivery Association.



GUDE BROS CO
1214 E ST NW
WASHINGTON DC

GUDE BROS. CO.
WASHINGTON, D. C.

Member Florists Telegraph Delivery

Orders for NEW YORK.
Write or Phone to

MAX SCHLING

785 Fifth Ave.

Best Florists in the States as
References.

EUROPEAN ORDERS EXECUTED

Members of the Florists'
Telegraph Delivery.

THE ROSERY

23 STEUBEN ST.

ALBANY, N. Y.

FLOWER DELIVERIES FOR ALBANY
AND VICINITY

Members Florists' Telegraph Delivery

G. E. M. STUMPP

761 Fifth Ave.

NEW YORK CITY

Member Florists' Telegraph Delivery Asso.

YOUNG & NUGENT

42 West 28 Street

New York

Members Florists' Telegraph Delivery

A. T. BUNYARD
NEW YORK

413 Madison Ave. at 48th Street
Also Newport, R. I.

I GUARANTEE SATISFACTION
MEMBER F. T. D. A.

CHICAGO Send Your Orders to WILLIAM J. SMYTH

Member Florists' Telegraph
Delivery Association

Michigan Ave. at 31st Street

Prompt Auto Delivery
Service

THOS. F. GALVIN
INC.
NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street
Deliveries to Steamers and all Eastern Ports

Orders Filled Day or Night for
CLEVELAND
and State of Ohio
Complete Stock. Regular discount to Trade.
KNOBLE BROS.
1896 W. 25th St., Cleveland, O.
Members Florists' Telegraph Delivery Ass'n.

THE SMITH & FETTERS CO.
735 Euclid Avenue
CLEVELAND, OHIO
Flowers of Every Kind in Season

CLEVELAND
A. GRAHAM & SON
5523 Euclid Ave.
Will take good care of your orders
Members of F. T. D. Association.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506. Long Dist. Bell Phone 278;
Members Florists' Telegraph Delivery

S. A. ANDERSON
440 Main St., Buffalo, N. Y.
ANDERSON service means fresh, sturdy
stock and prompt deliveries in BUFFALO,
LOCKPORT, NIAGARA FALLS and
WESTERN NEW YORK
Members of Florists' Telegraph Delivery.

HIGH GRADE PLANTS
For Retail Stores a Specialty
ASK FOR LIST
THOMAS ROLAND, Nahant, Mass.

WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

tion to help this, and that is for the florists generally to contribute to the fund, keep the campaign moving and create the atmosphere that we are properly entitled to in the world of business.

Build up your business and ideals.
Here's your opportunity.
Even in the face of the fact that this measure of coal curtailment may come about, here is your way to overcome it.
Think it over.
Use that pound of energy with an ounce of talent and get your results.
That ounce of talent is your cheque to our campaign fund.

Henry Penn
Chairman Nat. Publicity Committee.

BUSINESS TROUBLES.
Thomas J. Clark, retail florist, 2 Kalaka, Pk., Boston, has filed a petition in bankruptcy. His liabilities are \$6703.84; no assets.

F. R. PIERSON CO.
FLORISTS AND
PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

SEND ORDERS
FOR BOSTON
AND NEIGHBORHOOD
To JULIUS A. ZINN
4 PARK STREET, BOSTON, MASS.

Quality and Reliability
WARBURTON
FALL RIVER, MASS.
Deliveries of Flowers and Plants in FALL RIVER and contiguous territory.

H. F. A. LANGE
WORCESTER, MASS.
Deliveries to all points in New England.
125,000 Square Feet of Glass.
Member Florists' Telegraph Delivery Association.

YALE! YALE!
And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
J. N. CHAMPION & CO.
1026 Chapel St., New Haven, Conn.

ST. LOUIS, MO.

FRED C. WEBER
4326-28 Olive St.

Member Florists' Telegraph Delivery Association
NOTICE INITIALS. We have one store only

THE J. M. GASSER COMPANY,
CLEVELAND
Euclid Avenue

The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for any occasion, in any part of the Dominion.
JOHN H. DUNLOP
8-10 West Adelaide St. - TORONTO, ONT.

ALBANY, N. Y.
EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all Northwestern points given prompt attention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

The Park Floral Co.
B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
DENVER, COLORADO



KERR ORDERS FOR TEXAS
HOUSTON, TEXAS
The Florist Member F. T. D. Association

PEONIES

Light and dark pink, white and red.
Varieties of the best keeping quality.

\$6 and \$8 per 100

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
PHILADELPHIA, PA.

TRY Horticulture's Advertisers

FIRST

Before Looking Elsewhere

Tell Them You Did So And
They'll Reciprocate

EDWARD REID WHOLESALE FLORIST

1619 - 21 Ranstead St., Philadelphia, Pa.
CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
and all Seasonable Varieties of Cut Flowers

CHARLES E. MEEHAN

Wholesale Cut Flowers
Plants, Greens, etc.

5 So. Mole St., PHILADELPHIA, PA.

GEORGE B. HART

WHOLESALE FLORIST

24 Stone St., Rochester, N. Y.

E. G. HILL CO.

Wholesale Florists
RICHMOND, IND.

Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS
Consignments Solicited

Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON May 31 and Day		ST. LOUIS May 30		PHILA. May 13	
Roses						
Am. Beauty, Special	15.00	to 20.00	.....	to	30.00	to 40.00
" " Fancy and Extra	12.00	to 15.00	25.00	to 30.00	20.00	to 25.00
" " No. 1 and culls	8.00	to 6.00	7.00	to 10.00	4.00	to 12.00
Russell, Euler, Mock	2.00	to 6.00	3.00	to 12.00	3.00	to 10.00
Hadley	2.00	to 8.00	.....	to	2.00	to 15.00
Arenberg, Hoosier Beauty	2.00	to 7.00	3.00	to 5.00	2.00	to 12.00
Ward	2.00	to 6.00	2.00	to 4.00	1.00	to 6.00
Killarney, Radiance, Taft	2.00	to 6.00	2.00	to 4.00	2.00	to 10.00
Ophelia, Sunburst, Hillingdon	2.00	to 6.00	2.00	to 6.00	1.00	to 10.00
Carnations	2.00	to 4.00	1.00	to 2.00	1.00	to 3.00
Cattleyas	.....	to 25.00	.....	to 50.00	25.00	to 50.00
Lilies, Longiflorum	4.00	to 8.00	10.00	to 12.00	6.00	to 8.00
Lilies, Speciosum	3.00	to 6.00	.....	to	3.00	to 4.00
Iris	2.00	to 6.00	.....	to	3.00	to 6.00
Callas	1.00	to 6.00	10.00	to 12.00	8.00	to 8.00
Lily of the Valley	2.00	to 4.00	.....	to 6.00	4.00	to 6.00
Snapdragon	2.00	to 6.00	3.00	to 6.00	1.50	to 8.00
Gladioli	2.00	to 4.00	.....	to 12.00	3.00	to 10.00
Pansies	.25	to .50	.....	to .....	.25	to .50
Peonies	3.00	to 6.00	.....	to .....	.....	to
Tulips	.....	to .....	.....	to .....	.....	to
Calendula	.50	to 1.00	.....	to	1.00	to 2.00
Stocks	1.00	to 3.00	2.00	to 3.00	.....	to
Wall Flowers	.....	to .....	.....	to .....	.....	to
Mignonette	1.00	to 2.00	.....	to .....	.....	to
Sweet Peas	.35	to 1.00	.25	to .50	.25	to 1.00
Marguerites	1.00	to 2.00	.....	to .....	.50	to 1.00
Gardenias	15.00	to 25.00	.75	to 3.00	10.00	to 25.00
Adiantum	1.00	to 1.25	.....	to 1.00	.75	to 1.00
Smilax	15.00	to 25.00	12.50	to 15.00	.....	to 20.00
Asparagus Plumosus, & Sprea. (100 Bchs.)	35.00	to 50.00	25.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co. Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J.A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

ROBERT DYSART

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use
BOOKS BALANCED AND ADJUSTED
46 STATE ST. - BOSTON
Telephone Main 51.

Boston Floral Supply Co.

247-257 Cambridge St., Boston
Headquarters for
CYCLES, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not
received one.

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Flower Market Reports

The flower market here **BOSTON** is in a most unusual condition for Memorial Day week. The outdoor flowers usually abundant for this occasion are already gone by. The indoor flowers which generally fill a large place for the Memorial demand are backward because of the winter's retarding; white carnations swamp the market as never before and the shipments of peonies from Pennsylvania and other points south are beyond all precedent. So the market is surfeited with white carnations and peonies while bright colored material is well cleaned up and the volume of business done has outstripped in all probability that of any previous Memorial Day trade. The call has been heavy from all over New England and New York state and the express companies have had a big hustle. Prices have not advanced materially beyond what might be called normal figures, although they are somewhat higher than quoted during the congested period of the past two weeks. There are quantities of astilbe, feverfew, stocks, etc., specially forced for the occasion but the preponderance of white material is a bad overweight and a clean-up on this class of material is evidently out of the question.

The wholesale flower **NEW YORK** market here is in a very chaotic condition still, with heavy supplies coming in and an insufficient outlet for even a fraction of it. Naturally there is much disappointment for the growers, whose income from the present crop is cut far below what they had reason to count upon receiving. Wholesale dealers are in a similar quandary. The heaviest shipments just now are peonies which are actually coming in by tons from all sections and for which demand is totally inadequate. Receipts of roses and carnations are also out of all proportion to the outlet and, regardless of the Memorial Day call, have to be sold, if sold at all, in quantity at very low sacrifice figures. It is distressing to think of the congestion here while other places not very distant are really short of the material which is stagnated here. The lack of proper transportation facilities is largely the cause of this abnormal situation.

Last week was **PHILADELPHIA** nothing to brag about. In fact, according to one of the big wholesalers, it was one of the most disastrous we have ever experienced. The supplies were enormous and the demand very poor. The same authority said:—"that is one of the after-claps of a short supply of coal during the winter. Belated crops come in with a



DELPHINIUM

The light blue, Belladonna, wonderfully attractive in any kind of work.

\$6, \$8, per 100

RAMBLER SPRAYS

\$5.00 to \$25.00 per 100

PEONIES

\$6.00 to \$8.00 per 100

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.
WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI May 27		CHICAGO May 20		BUFFALO May 27		PITTSBURG May 13	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	40.00	to 50.00	20.00	to 30.00	25.00	to 30.00
" " Fancy and Extra.....	25.00	to 35.00	25.00	to 35.00	15.00	to 20.00	15.00	to 20.00
" " No. 1 and culls.....	8.00	to 15.00	6.00	to 15.00	3.00	to 10.00	4.00	to 12.50
Russell, Euler, Mock.....	6.00	to 15.00	3.00	to 20.00	5.00	to 10.00	6.00	to 20.00
Hadley.....	6.00	to 15.00	.....	to	3.00	to 6.00	.....	to
Arenberg, Hoosier Beauty.....	5.00	to 12.00	3.00	to 6.00	3.00	to 5.00	4.00	to 10.00
Ward.....	4.00	to 8.00	3.00	to 6.00	3.00	to 6.00	4.00	to 10.00
Killarney, Radiance, Taft.....	3.00	to 8.00	3.00	to 6.00	3.00	to 10.00	4.00	to 18.00
Ophelia, Sunburst, Hillingdon.....	4.00	to 10.00	2.00	to 10.00	3.00	to 4.00	.....	to 4.00
Carnations	3.00	to 4.00	.50	to 2.00	2.00	to 4.00	50.00	to 60.00
Cattleyas.....	50.00	to 60.00	40.00	to 60.00	40.00	to 50.00	10.00	to 12.00
Lilies, Longiflorum.....	10.00	to 12.00	8.00	to 10.00	8.00	to 10.00	.....	to
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	4.00	to 8.00
Iris.....	2.00	to 4.00	4.00	to 6.00	2.00	to 4.00	.....	to
Callas.....	8.00	to 10.00	6.00	to 10.00	6.00	to 10.00	1.00	to 4.00
Lily of the Valley.....	4.00	to 6.00	4.00	to 5.00	6.00	to 8.00	6.00	to 8.00
Snopdragon.....	6.00	to 12.00	6.00	to 10.00	3.00	to 8.00	2.00	to 4.00
Gladioli.....	.....	to 8.00	4.00	to 6.00	5.00	to 10.00	.50	to 1.00
Pansies.....	.....	to 1.00	.40	to .60	.20	to .40	.....	to
Peonies.....	4.00	to 8.00	4.00	to 8.00	4.00	to 6.00	.....	to
Tulips.....	2.00	to 4.00	2.00	to 3.00	1.00	to 2.00	.....	to
Calendula.....	2.00	to 3.00	.....	to 2.00	1.00	to 3.00	.....	to
Stocks.....	2.00	to 4.00	.....	to	2.00	to 3.00	1.00	to 4.00
Wall Flowers.....	2.00	to 3.00	.....	to .....	.....	to .....	.....	to
Mignonette.....	4.00	to 6.00	8.00	to 5.00	8.00	to 3.00	.....	to 1.50
Sweet Peas.....	.50	to 1.50	.25	to 1.00	.50	to 1.00	.50	to 3.00
Marguerites.....	1.00	to 1.50	.50	to 1.00	1.00	to 1.50	1.00	to 3.00
Gardenias.....	1.50	to 3.00	15.00	to 20.00	15.00	to 20.00	.....	to
Adiantum.....	.....	to 1.00	.....	to 1.00	1.00	to 1.25	.75	to 1.50
Smilax.....	15.00	to 20.00	12.00	to 18.00	15.00	to 20.00	20.00	to 25.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	35.00	to 50.00	50.00	to 75.00

rush and swamp the spring business." We believe this is very true, and on top of that comes the early spring of this year, rushing in the outdoor flowers on top of the already oversupply. Regular business could hardly be seen in the avalanche of wagon-load stuff that was everywhere going out on the street—for a song—from Thursday till Saturday.

Stock is abundant **ROCHESTER** and little activity has been noticed for more than a week, as is always the case when outdoor flowers make their first big appearance. The chief demand has been plant bedding stock of which an unusual quantity has been disposed of, at least a week or ten days earlier than common. Carnations are in abundance. Roses are

very plentiful and are cleared at buyers' price in box lots. A few peonies have made their appearance and with a few good days should be plentiful.

Peonies hampered **WASHINGTON** the sale of all other cut flowers during the past week. They came in earlier this year than was desired and the fear was expressed that there would not be sufficient for Memorial Day sales. The placing of huge quantities in cold storage and increased production changed conditions. Carnations and roses are getting smaller and undesirable. Lily of the valley is poor. Sweet peas are nearly off the market. Business is good and there has been no slackening up as yet.

H. E. FROMENT

Wholesale Commission Florist
Choice Cut Flowers

new Address, 145 West 28th St., NEW YORK
Telephone: 2268, 2261, Madison Square.

WM. P. FORD

Wholesale Florist
107 W. 20th Street, NEW YORK

Telephone 5335, Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.

WHOLESALE FLORISTS

53 WEST 28th STREET NEW YORK CITY

Consignments Solicited
Phone Farragut 4386

FRANK MILLANG

Wholesale Commission Dealer in
CUT FLOWERS

55 and 57 West 26th St., New York
Coogan Building
Tel., 299 Farragut Consignments Solicited

RIEDEL & MEYER, Inc.

Wholesale Commission
READY FOR BUSINESS

49 WEST 28th ST. NEW YORK.

GEO. C. SIEBRECHT

WHOLESALE FLORIST

109 WEST 28th ST
CONSIGNMENTS SOLICITED

PHONE 608 (FARRAGUT) NEW YORK

THE KERVAN CO

Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
Catalog of Greens and Florists' Supplies.
119 W. 28th St., - NEW YORK

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE
A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.

M. C. FORD

121 West 28th St., NEW YORK

FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 2870 Farragut.

**P. J. SMITH**

WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS

A full line of Choice Cut Flower Stock for all purposes.

TELEPHONE 2281 (FARRAGUT) 131 West 28th St., NEW YORK CITY

ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.

WHOLESALE ONLY

SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US

Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section

CHARLES MILLANG

Wholesale Florist

55 and 57 W. 26th Street, - NEW YORK

Telephone 2483 Farragut

**HENRY M. ROBINSON CO. OF NEW YORK
WHOLESALE FLORISTS**

55-57 West 26th Street

Telephone, 13-5510 Madison Square

MAURICE L. GLASS, Treasurer

Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending May 25 1918		First Part of Week beginning May 27 1918	
American Beauty, Special	10.00	to 20.00	10.00	to 25.00
" " Fancy and Extra	8.00	to 10.00	6.00	to 8.00
" " No. 1 and culls. ....	.50	to 4.00	2.00	to 4.00
Russell, Euler, Mock .....	.50	to 8.00	2.00	to 8.00
Hadley	1.00	to 20.00	3.00	to 20.00
Arenberg, Hoosier Beauty .....	.50	to 6.00	3.00	to 6.00
Ward .....	.50	to 6.00	3.00	to 6.00
Killarney, Radiance, Taft .....	.50	to 6.00	2.00	to 6.00
Ophelia, Sunburst, Hillingdon .....	.50	to 6.00	3.00	to 6.00
Key .....	.50	to 6.00	3.00	to 6.00
Carnations .....	.50	to 3.00	1.00	to 3.00

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

J. J. COAN, Inc.

High Class Product of the Leading Growers

NOVELTIES A SPECIALTY.

Consignors Please Call or Write.

115 W. 28th St., NEW YORK

Telephones, Farragut 5413 or 5491.

**N. Y. FLORISTS' SUPPLY
COMPANY, Inc.**

103 W. 28th Street, NEW YORK

EVERYTHING FOR THE FLORIST

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Cut Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

When writing to Advertisers kindly mention Horticulture

For Bigger, Better Business

Nothing that you can do will compare with judicious advertising.

Judicious Advertising

is that which appeals to that class of readers who have need for the goods one has to offer and who are able to pay for the same. Advertising addressed to anybody else is largely ineffective and the bigger the circulation paid for the greater the waste.

If you wish to reach the responsible and desirable people in the Florist, Gardening, Seed and Nursery industries,

HORTICULTURE

can serve you well. This it has been doing for the past thirteen years, for wise advertisers.

Are you one of them?

If not, now is a good time to start something

For Bigger, Better Business

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"
ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3066

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending May 25 1918		First Part of Week beginning May 27 1918	
	10.00	10	10.00	to 25.00
Cattleyas.....	2.00	to 6.00	2.00	to 6.00
Lilies, Longiflorum.....	2.00	to 4.00	2.00	to 4.00
Lilies, Speciosum.....	2.00	to 6.00	2.00	to 6.00
Iris.....	4.00	to 8.00	4.00	to 8.00
Callas.....	1.00	to 3.00	1.00	to 3.00
Lily of the Valley.....	2.00	to 6.00	2.00	to 6.00
Snagdragons.....	2.00	to 8.00	2.00	to 8.00
Gladioli.....	.25	to .50	.25	to .50
Panicles.....	2.00	to 4.00	1.00	to 3.00
Peonies.....	.50	to 2.00	.50	to 2.00
Tulips.....	.50	to 2.00	.50	to 2.00
Calendula.....	.50	to 2.00	.50	to 2.00
Stocks.....	1.00	to 2.00	1.00	to 2.00
Wall Flowers.....	.25	to 1.00	.25	to 1.00
Mignonette.....	.50	to 1.50	.50	to 1.50
Sweet Peas.....	4.00	to 25.00	4.00	to 25.00
Marguerites.....	.25	to 1.00	.25	to 1.00
Gardenias.....	12.00	to 15.00	10.00	to 15.00
Adiantum.....	8.00	to 20.00	8.00	to 20.00
Smilax.....				
Asparagus Plumosus, & Spreng (100 bunches).....				

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

HOW LIBERTY LOAN MISSED \$40,000,000

Patriotic Hoosiers—and every real Hoosier is a patriot—are greatly disappointed that Indiana failed to find some \$40,000,000 that might have been put into the Third Liberty Loan.

The Indiana Extension Department is authority for the statement that crop losses from insects in that State alone total nearly \$40,000,000, much of which is preventable.

Here then, definitely on the best of authority, is \$40,000,000 which loyal Hoosier farmers might have had for subscribing to the Third Liberty Loan but which the bugs got first. Fortunately, there is encouragement in the assurance that much of this loss is preventable.

What is lost is lost. But we can still get ahead of the bugs in 1918 and save millions for the Fourth Liberty Loan. The bugs are rabidly pro-German—henchmen of the Kaiser. Let's clean them out and do it now.

Get acquainted with the standard insecticides and fungicides; arsenate of lead, bordeaux, nicotine extracts, etc., and use them thoroughly. Every bug killed and every potato saved from rot and blight helps to win the war. A bug is a small thing—\$40,000,000 is a different matter. Think it over.

The \$100,000,000 of Farm Loan Bonds which are now being offered the public will provide the capital for financing the farmers during the present war. They are to be sold at 101 and accrued interest and can be ordered through any bank, trust company, broker or express company.

Visitors' Register

Boston—Mr. and Mrs. William Plumb, Havana, Cuba.

Rochester, N. Y.—Winfred Rolker, New York.

Rochester, N. Y.—P. M. Phillips, Boston, Mass.; R. H. McKers, Canandaigua, N. Y.; Steve Green, H. Bayersdorfer & Co., Phila.; Irving Aronson, of Schloss Bros., New York.

Washington—George J. Polykranos, New York; D. T. Connor, Phila.; Mr. and Mrs. Robert B. Stiles, Petersburg, Va.; E. H. Flood, Atco, N. J.; Thomas J. Cunningham, New Castle, Pa.; Joseph J. Goudy, Phila.

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755 NEW YORK
Farragut

H. BAYERSDORFER & CO.
Manufacturers and Importers

1129 Arch St., PHILADELPHIA, PA.
THE LEADING FLORISTS' SUPPLY
HOUSE OF AMERICA

LOCAL AND GENERAL NEWS

PHILADELPHIA.

Charles F. Baker, seriously ill, died at his home, 115 N. 5th street, at 10:30 p. m. On the 27th he was reported as better.

The Society for the Advancement of Precious Floriculture suggested by the reply of one who shall be nameless when asked "What is a Scilla," he said "It's a cross between Charybdis!" Get me?

The subject or essay for the June meeting of the Florists' Club of Philadelphia will be "Fuel Conservation and Intensive Use of Greenhouse Space," by Edward A. Harvey, Brandywine Summit.

H. B. Jones of the Jones Russell Co., Cleveland, O., was in Philadelphia for a few days having been called East on account of the death of his father. The latter resided at Birmingham Meeting, near West Chester, and the funeral ceremonies took place on Sunday, May 26.

C. H. Grakelow, one of our leading retail florists, was given a dinner by his fraternal friends among the Masons and Elks on the 27th inst. It was held at the Hotel Adelphia and was given a political tinge by some of the speakers hailing Mr. Grakelow as "The next mayor," and by the presence of Mayor Smith and other local celebrities among the speakers.

If a man sows fifty feet of a row with carrot seed and only six feet of it comes up—what is the answer? The seed was all out of the same package; the ground and conditions all alike. There was no freeze, no rain-storm, yet six feet grew, and the rest was blank. The seed-warranty experts like Belgians, Scarlett, and Earl might be able to solve the problem. We will be glad to hear from them.

The competition for a new emblem for international use by the Florists' Telegraph Delivery Association was decided May 27, when the committee held its final meeting in the Bellevue-Stratford. No less than 187 designs were submitted by artists from every section of the United States, Canada and Mexico. The judges were F. C. W. Brown, of Cleveland, Edward Fethers, of Detroit, and G. E. M. Stump, of New York. They voted to award the prize to Herbert Read, of Detroit, and will at once proceed to put the new emblem into service.

According to the paper Mrs. Rose Pastor Stokes is liable to twenty years for saying things. What's this world coming to? The good lady at the head of the family where your scribe hibernates was quite indignant at the breakfast table this morning when she read the item. "The idea!" she ejaculated "A woman has a perfect right to say what she thinks under any and all circumstances. I've always

done it and I'm going to keep on doing it and all the governments in the world can't stop me. Being a humble man person we kept a straight face and said nothing. But we thought of the old story—the finale of which had to do with scissors. And we grinned on our way to the station.

BOSTON.

The heavy receipts and light demand for cut flowers during the past few days has furnished an excellent opportunity for the flower growers to make generous contributions to the Red Cross work. From the Flower Exchange great quantities of carnations and roses were donated, some estimates placing the number of carnations well up towards 100,000.

Last week the growers and their salesmen in the Boston Flower Exchange, made a generous presentation of many thousands of carnations to the Red Cross and the contribution of the Divine flower for this Divine object was nowhere appreciated more than in the town of Winthrop where over \$600 was raised through their sale by the ladies of the local Red Cross Chapter.

The unfortunate conditions in the market for white carnations, as alluded to in our wholesale flower notes, are somewhat mitigated by the lively call for bedding plants, florists growing this sort of material finding a demand for it far beyond their ability to supply. Much of the stock is late, evidently as a result of the winter's disturbance of the usual routine and the popular preference is that geraniums and such things shall be in flower when delivered.

ROCHESTER

H. B. Stringer and Ambrose Secker were appointed to solicit for the war chest drive, May 20 to 27, from the florist trade. Their reports were satisfactory.

Dr. Frank Johnson, of Chicago, made a flying trip to Rochester to visit Highland Park to study the lilacs with a view to their more general planting in Chicago parks.

No one was more welcome into the wholesale market on May the 25th than Private Thomas Sullivan, who up to the time of being drafted was employed by Geo. B. Hart. He has been in training in Spartanburg, S. C., until being transferred to New Jersey. George DeMuth, engineer for Mr. Hart, left for cantonment, Sunday, May 26th.

NEW YORK.

We regret to learn of the death of Mrs. Magda Lowe, daughter of the late Julius Roehrs of Rutherford, N. J., which occurred on Friday, May 24.

CHICAGO.

Geo. Weinhoeber was among the retail florists to donate liberally to the Red Cross auction sale Friday. Two large stands of roses, four large baskets, plants, etc., amounting to a large sum, helped materially to swell the receipts.

Geo. Manos, the Union Depot Florist, says the coming and going of the soldiers and sailors keeps trade brisk for him. On Friday and Saturday he turned a large stock over to the Jackies, who sold it, netting the Red Cross one hundred dollars. Mrs. Manos in the dress of a Red Cross nurse assisted the Jackies.

A. Lange had a five-foot red cross of flowers upon an easel for his window, during the Red Cross drive. He donated it to the Majestic Theatre where it was auctioned off and netted a fine sum to the Red Cross fund. A feature at this store on Monday was the giving of twelve tomato plants with every flower order.

One of the most touching window displays for Memorial Day was that of the Central Floral Co., on State street. A veteran of the G. A. R. stood at the head of a myrtle-covered grave, while at the foot stood a little boy carrying a wreath. The little son and the grandfather alike were doing honor to the fallen soldier of today.

The Bohannon Floral Co., 75 E. Monroe St., gave over their store and entire stock to the Red Cross for Friday. There was a large supply of flowers on hand and in addition to his regular force, the young ladies of the Red Cross assisted in the selling. All expenses were met by the Bohannon Floral Co., and the proceeds of the day \$771.01 became the property of the Red Cross.

A Red Cross auction sale was held in the rotunda of the Railway Exchange building on Friday and flowers and plants, put up attractively, formed an important part of the sale. E. Malinsson, manager for the Fleischman Floral Co., located in that building, donated stock which sold for \$200. They also donated the flowers for the Jackies' cotillion given at the Art Institute by the Cliff Dwellers.

The failure of much of the imported stock of the Baby Rambler type of roses, to arrive at the usual time last winter, causing them to be refused by the growers, resulted in these favorite plants being scarce in Chicago for Memorial Day, the supply being scarcely sufficient for Mothers' Day. The roses that were accepted arrived only at Easter time, too late to be gotten into bloom for these two occasions of special demand. One of the plants to be more prominent than usual this season is the astilbe which has been brought along in small lots from cold storage and helped out nicely as a showy blooming plant.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
WE LEAD IN QUALITY, FINISH AND SERVICE

For Catalogues and Discounts address

AUGUST ROLKER & SONS, 51 Barclay Street, NEW YORK CITY
 Our Selling Agents in N. Y., N. J. and Eastern States Territory

The demand for bedding stock is extremely good though the usual difficulty of getting geraniums into bloom for Memorial Day is being experienced. This is largely due to the fact that houses were kept so cold to conserve coal in the winter and spring that the stock was retarded. It has also reduced the supply, for some growers closed up a part of their range. A special shortage is noted in Beaute Poitevine, the salmon pink. S. A. Nutt, the favorite dark red, seems in good supply but much of it is not in bloom. Other bedding stock as salvias, verbenas, petunias, etc., appears to be equal to any normal demand.

WASHINGTON, D. C.

The Brookland Flower Show has been called off. Weather conditions make it impossible to produce roses worthy of show purposes.

Retail florists are to be invited to join the recently formed Advertising Club of Washington. The object of the club is to promote friendliness between buyers and sellers of advertising space, study and analysis of advertising, truth and accuracy, as well as economy in publicity methods and mediums.

Two more of our boys are off to participate in the game "Hunting and Fighting the Hun." Milton Redman of the S. S. Pennock Co. staff has joined the Marines and goes to Paris Island, S. C., for ten weeks of training with

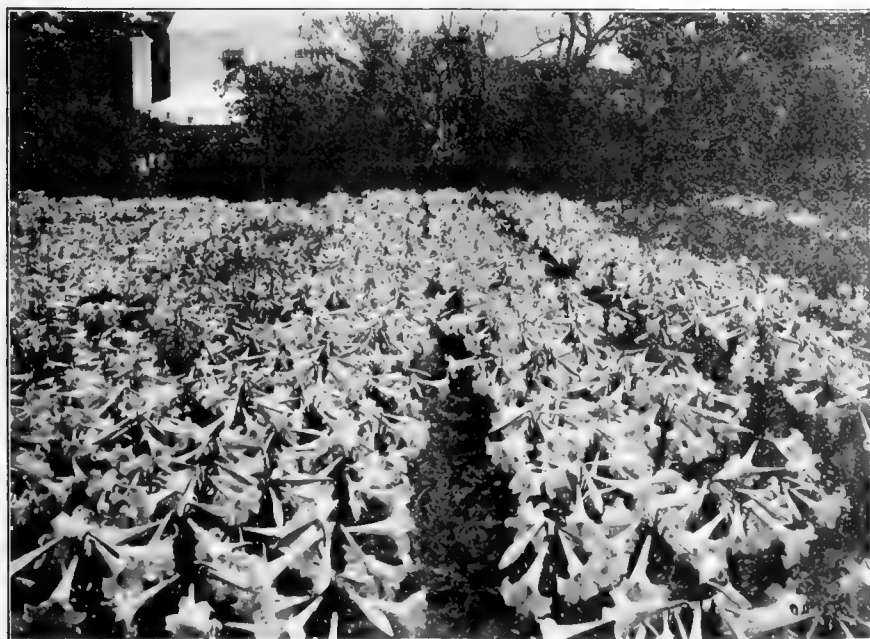
an opportunity of getting into the officers' training camp at Quantico, Va., opening August 15. R. Clyde Sauer of Shaffer's has gone to Camp Dix, N. J., for army service.

The War Trade Board announces that American exporters of shrubs and flower seeds, except seeds of oil bearing plants, may ship their products to Denmark proper, the Board deciding to consider applications for export under conditions similar to those incident to a like trade with Sweden and European Holland. Before shipment can be made, however, it is necessary for the importer in Denmark to secure an import certificate from the Danish Merchants' Guild. Licenses will be valid for shipment only on vessels flying the Danish flag.

ROTTERDAM STATISTICS.

The quantity and value of plants and bulbs, etc., declared at the consulate general at Rotterdam, Holland, for shipment to the United States in 1916 and 1917 was as follows:

		1916		
		Quantity	Value	
Bulbs	and flower roots	mille.	298,434	\$1,738,551
Nursery	stock	.....	.....	893,554
Seeds,	sugar beet,			
etc.	pounds.	387,372	72,569	
		1917		
		Quantity	Value	
Bulbs	and flower roots	mille.	186,008	\$1,690,466
Nursery	stock	.....	.....	168,380
Seeds,	sugar beet,			
etc.	pounds.	1,124,750	\$9,096	



A Field of Fairy Isle Easter Lilies in Sunnylands, Bermuda.
 Photographed April 20, 1918.

Cambridge

New York



WORLD'S OLDEST and LARGEST
 Manufacturers of ALL STYLES and
 SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.
 Cambridge, Mass.

The Federal Farm Loan Board, a bureau of the Treasury Department at Washington, on May 15 inaugurated a thirty-day campaign for the sale of \$100,000,000 worth of 5 per cent, twenty-year Farm Loan Bonds. The proceeds are to be employed in financing farmers through the three thousand or more national farm loan associations which have been organized for the purpose since March 27, 1917. The advertising of the campaign has been placed under the direction of H. H. Charles, of the Charles Advertising Service of New York. Mr. Charles is serving without pay.

TREES, SHRUBS, VINES and
HERBACEOUS PERENNIALS

By JOHN KIRKEGAARD

Formerly Assistant to Director of the Royal Botanical Gardens, Copenhagen, Denmark. Latterly Twenty Years in American Forestry and Botanical Work.

Assisted by DR. M. T. FERNALD,

Professor of Entomology Massachusetts Agricultural College and Entomologist, Massachusetts Agricultural Experiment Station,

and PROF. E. A. WHITE,

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 Guarantee

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 147 Summer St., Boston

WILLIAM PLUMB.

... agree well with William Plumb, as I think our... that gentleman will agree... at the portrait which appears herewith. Mr. Plumb is at present on a brief visit to New York and... the photograph was taken just before he started from Havana. Mr. Plumb is still a gardener at heart but his Cuban oil-well enterprises... everything



WILLIAM PLUMB

else at the present time and we certainly hope he will make that million which he has in prospect as president of the Cuban Standard Petroleum Company. He also fills the position of treasurer of an investment company, the president of which is Charles H. O'Neill, in the dooryard of whose mansion was taken the photograph of the beautiful specimen of the Royal Palm (*Oreodoxa regia*) which is the subject of our cover illustration for this week's issue. Cuba is the native habitat of this most graceful of all the palm family.

Mr. Plumb's grandson, Alfred C. Kayser, is in the service, with the 108th Engineer Corp.

CATALOGUE RECEIVED.

D. Hill Nursery Co., Dundee, Ill.—Wholesale Price List of Evergreens for Florists' Use and Home Planting.

GET OUR CATALOGUE

On Ventilating Apparatus and Greenhouse Fittings

ADVANCE CO., RICHMOND, IND.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ASTERS.

ASTERS. HENDERSON'S INVINCIBLE. One of the best for cut flowers. Wm. H. Shell, Pink, Rose, Lavender and Purple. Strong plants. \$5.00 per 1000, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

BEGONIAS

BEGONIAS	Pots	100	1000
Lorraine	2 1/2 in.	\$11.00	\$120.00
Crimson	2 1/2 in.	15.00	
Mrs. J. A. Peterson	2 1/2 in.	20.00	180.00
Melior	2 1/2 in.	20.00	

JULIUS ROEHRS CO., Rutherford, N. J.

BULBS

C. KEUR & SONS, HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

FINE CLEAN STOCK OF BEST KINDS for Florists use. Send us list of wants. Catalogue free. ELMER D. SMITH & CO., Adrian, Mich.

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.

Stock For Sale.

JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

New Peony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to PEACOCK DAHLIA FARMS, Berlin, N. J.

GLASS

Greenhouse glass, lowest prices. JOHN-STON GLASS CO., Hartford City, Ind.

NEWS NOTES.

Indianapolis, Ind.—F. A. Conway has opened a store on Delaware street for the sale of vegetable plants.

Plymouth, Wis.—George Feldman has purchased the greenhouses of F. Baumann and will move them to his range on the South side.

Elmira, N. Y.—At the meeting of the Board of Directors of the United States Cut Flower Company, on Miller street, it was decided to close the houses down at the opening of the Winter season of 1918-19. The Government is allowing the hothouses only one-half of the coal this year that was consumed last Winter. President Seymour Lowman made the statement that the company could not remain open and be cut to such an allowance, a matter of 1,250 tons of coal. The plant at the Heights will be forced to close.

GREENHOUSES BUILDING OR CONTEMPLATED.

York, Neb.—J. W. Lawson, one house.

PATENT GRANTED.

1,264,419 Plant-Protector. William T. Mercer, Wilmington, N. C.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laelia-Cattleyas our specialty. One trial order solicited.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. C. BETSCHER, Canal Dover, O.

ROSES

ROSES, CANNAS AND SHRUBS. THE CONARD & JONES COMPANY, WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. LAGER & HURRELL, Summit, N. J.

VEGETABLE PLANTS

FOR SALE—Tomato Plants, all leading varieties, 75c. per 100; \$3.00 per 500; \$5.00 per 1000. Danish Ball Head and Flat Dutch Cabbage Plants, per 100, 60c.; for 500, \$1.50; per 1000, \$2.00. The Tomato Plants are all transplanted stock. The Cabbage Plants are field-grown. Cash with order. WEST SIDE CELERY CO., Portage, Mich.

Golden Self-Blanching (French Strain). Also the grand new Easy Blanching, which is easy to grow, fine plants, ready for the field, \$2.00 per 1000, cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

4,000,000 Cabbage, Cauliflower, Tomato and Celery plants. Field grown and potted. List free. F. W. ROCHELLE & SONS, Chester, New Jersey.

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Pleasant Nursery, New Rochelle, N. Y.

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

THE FLAG.

There's no coward stripe upon it,
And no shame is written on it,
All the blood that's in its crimson
Is the blood of manhood true;
There's no base and brutal glory
Woven sadly in its story.
It's a bright flag, and a right flag,
And the flag for me and you.

It's the flag without a fetter;
It's the flag of manhood better;
It has never done a mean thing,
Never waved above a brute;
Greed and hate it never shielded,
Unto wrong it never yielded.
It's a fine flag, a divine flag,
That in reverence we salute.

It's the flag of all the glory
That is written in man's story;
It's the emblem of his freedom
And the hope of men oppressed;
It asks no disgraceful duty,
Never stains with shame its beauty;
It's a pure flag, and a sure flag,
It is our flag and the best.

—The American Boy Magazine.

WANTS, FOR SALE, Etc.

HELP WANTED

WANTED—Young man as assistant in park garden work. Address "J. J.," care HORTICULTURE.

WANTED—Assistant in greenhouses; general run of flowers, bedding plants, etc. Good pay for an industrious man. H. L. CAMERON, North Cambridge, Mass.

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WEED KILLER

THE VERY NEWEST AND QUICKEST METHOD OF DESTROYING WEEDS, GRASS AND OTHER GROWTH IN GARDEN WALKS, GUTTERS, TENNIS COURTS, DRIVEWAYS, ETC.

This fluid absolutely destroys all weeds and other growth wherever applied, and its effect on the ground prevents the growth of fresh ones for a year and thus saves a great deal of time and labor, as no cutting, hoeing or hauling away of the weeds is required.

We manufacture the strongest line of DISINFECTANTS on the market.

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SOLUBLE INSECTICIDE

Save your plants and trees. Just the thing for greenhouse and outdoor use. Destroys Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., without injury to plants and without odor. Used according to direction, our standard Insecticide will prevent ravages on your crops by insects.

Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

Destroys Lice in Poultry Houses, Fleas on Dogs and all Domestic Pets. Excellent as a wash for dogs and other animals. Relieves mange. Dilute with water 30 to 50 parts.

1/4 Pint, 50c.; Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.00; 10 Gallon Can, \$20.00. Directions on package.

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Aphine

The Insecticide that kills plant lice of many species

The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNCINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For eel worms, angle worms and other worms working in the soil.

Quart, \$1.00; Gallon, \$3.00

SOLD BY DEALERS.

Aphine Manufacturing Co.

MADISON, N. J.

IMP SOAP SPRAY

Sure Insect Killer

THE use of Imp Soap Spray on fruit trees, garden truck, ornamental trees, shrubs, etc., will positively destroy all insect pests and larva deposits. Quite harmless to vegetation. Used in country's biggest orchards and estates. Very economical - one gal. Imp Soap Spray makes from 25 to 40 gals. effective solution. Directions on can. Qt. 55c.; Gal. \$1.90; 5 Gals. \$8.50. F. O. B. Boston. Genuine can has Ivy Leaf trade mark. Your money back if Imp Soap Spray doesn't do as claimed. Order direct if your dealer can't supply.

F. E. ATTEAUX & CO., Props.

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For Potato Bugs
And Blight use

SULFOCID

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CAL-ARSENATE

a new combination which bids fair to replace the old Lime Sulphur-Arsenate of Lead and Bordeaux-Lead mixtures, in both orchard and garden.

It is more powerful and much less expensive. 1 gallon and 4 1/2 lbs. makes 150 gallons of spray.

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Glazing
USE IT NOW

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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

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FLORIST SPECIALTIES
New Brand New Style
"RIVERTON" HOSE

Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

1/2-inch, per ft., 17 c.
Reel of 500 ft., 16 1/2 c.
2 Reels, 1000 ft., 26 c.
1/4-inch, 15 c.
Reels, 500 ft., 14 1/2 c.

Couplings furnished

HENRY A. DREER
714-716 Chestnut St.,
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Dreer's Peerless Glazing Points

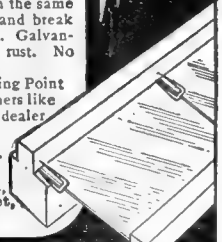
For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2



NIKOTEEN
For Spraying
APHIS PUNK
For Fumigating

Ask Your Dealer For It.
NICOTINE MFG. CO.
ST. LOUIS

The Florists Hall Association rate of insurance from Nov. 1st, 1916 to Nov. 1st, 1917 will be twenty cents per hundred square feet of single thick glass and eight cents per hundred square feet of double thick glass. For particulars, address. JOHN G. ESLEE, Sec., Saddle River, N. J.

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King Greenhouses

KEEP SUMMER WITH YOU THE WHOLE YEAR ROUND

On account of their sturdy special construction which permits of great strength without the need of heavy shadow casting supports, these houses are so warm and sunny that they are filled with a riot of bloom and fruit when Jack Frost has stripped the garden of its beauty.

The ventilating and heating systems are the result of years of experience in building for professional growers. Things just have to grow in a King.

Ask us for any of the following: Catalogue showing Commercial Type Greenhouses, Catalogue showing Greenhouses for private estates, Catalogue showing Garden Frames and Sash for private estates.

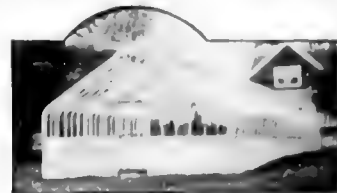
KING CONSTRUCTION COMPANY, 28 King's Road, North Tonawanda, N. Y.

All the Sunlight. All Day Houses.

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Philadelphia Harrison Building, 15th and Market Streets



GREENHOUSES—ALL KINDS



Put your Greenhouse Problems up to us
We go anywhere in the U. S. to submit plans and prices

Metropolitan Material Co.
PATENTED GREENHOUSES

1297-1325 Flushing Ave., Brooklyn, N. Y.

GLASS

AND

HOT-BED SASHES

Our prices can be had by mail, and it will pay you to get them. We carry the largest stock of Specially Selected Glass in Greater New York and can supply any quantity from a box to a car load on a one day notice, and at Rock Bottom Prices.

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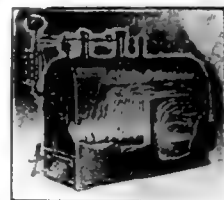
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Vol. XXVII

JUNE 8, 1918

No. 23



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THE PUBLICITY CAMPAIGN

We have now entered upon the sixth month of the active work of the Campaign, and from the reports received our publicity work has resulted in a very visible stimulation of business generally throughout the country. Mothers' Day business was heavier than ever before, and this in spite of rather vicious propaganda designed to cause the elimination of flowers altogether in the observance of this day.

The Promotion Bureau is getting considerable publicity for flowers through its co-operation with the work of the National League for Woman's Service. The Bureau is supplying the League with 20,000 signs embodying the slogan "Say it with Flowers," in blue, green and gold, as nearly as possible as follows:

To Our Boys In the Hospitals	SAY IT WITH FLOWERS	They Comfort and Cheer
---	------------------------------------	---

This quantity is the first instalment of the League's requirements. Such publicity is in return for donations of surplus flowers which the florists throughout the country, wherever base hospitals are now located or are to be established, are asked to contribute to the branches of the League. The Secretary has sent out over 2,500 letters to florists covering the towns where these branches will operate. Some of the hospitals will contain so few soldiers that flower contributions, necessarily, will be small, and entail an expense hardly worth consideration. In large cities flowers will be contributed collectively, as in New York, so the burden will not be felt. But stop to think of the return benefit—20,000 and more of these signs in public display. Don't you think the public will feel like falling in with the idea of contributing flowers to hospital patients? Don't you think that they will buy their flowers from the florists, and don't you think that this movement will keep flowers before the public as among the most essential of essentials, and offset much of the propaganda we are obliged to combat every day?

Such work as this can only come through organized effort—organization made possible through your subscriptions to the Campaign fund. Whatever you give is returned to your advantage, to the advantage of the whole trade.

If you have not already given to the fund, don't hesitate longer. By this time you should be fully aware of the aims of our Publicity Committees. You have, undoubtedly, already experienced benefit from their work and will continue to do so. A good deal of money is required to carry this campaign along, and you can help to keep it going without impairing your resources to any noticeable degree. You should look upon it as a small premium on insurance, and charge it on your books as such. And it is insurance! In these times of curtailment our publicity insures that flowers will not be cut out of the home except by the very thoughtless. It insures that all movements to belittle the great social value of flowers will be challenged and a greater use of your products encouraged.

Won't you take a little of this insurance? Sit down while the matter is now before you and send in your cheque to the Secretary for what you think you can afford. Whatever the amount, it will be most welcome.

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name, is requested to communicate with the Secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

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June 1st, 1918.

AN APPRECIATION.

The New York Herald of Monday, May 27, published the following letter:

To the Editor of The Herald:—

I want to call your attention to the splendid patriotic work which the florists all over the country through the Society of American Florists and Ornamental Horticulturists are doing. Thirty-eight thousand florists have pledged themselves to keep the base hospitals in the United States wherever there are ill or wounded sailors and soldiers supplied with fresh flowers, and they are doing this in spite of the fact that their business is one hardest hit by the war.

Flowers essentially are a luxury, and the American people, generally speaking, have no place for luxuries in this time of sacrifice and suffering. During the next winter many florists will be compelled to close their greenhouses because of the recent order of the Fuel Administration restricting the consumption of coal by florists to fifty per cent. of their normal requirements.

Every day a small truck loaded with flowers leaves the distribution headquarters of the florists, at No. 51 West Twenty-eighth street, to go to several hospitals, and the generous spirit of the florists is evidenced by the quantities of beautiful flowers which are piled high in this truck. The National League for Woman's Service, as a body of American women war workers, appreciates this contribution of the florists to the cause of democracy. Certainly these flowers, a real gift of sacrifice, go a long way toward cheering and brightening the convalescent hours of the men who have been returned to us battle scarred, ill, and with the ugliness of war a vivid memory.

EDITH McVICKAR

(Mrs. Edward McVickar).

City Chairman National League for Woman's Service,
New York City, May 24, 1918.

LILAC A. B. LAMBERTON.

Our cover illustration this week is from a seedling raised by John Dunbar, Assistant Superintendent of Parks, Rochester, N. Y. and named by him in the spring of 1916. Large compound clusters, flowers large, occasionally one inch in diameter, semi-double to single on the same cluster. Rich violet heliotrope to violet lavender. Seed-parent Marie Legraye. It was named in compliment to Alexander B. Lamberton, President of the old Board of Park Commissioners for fifteen years, and the single Park Commissioner for two years since the abolition of the late Park Board. Mr. Lamberton resigned last February.

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JUNE 8, 1918

NO. 23

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cost of production plus a reasonable profit, yet it is well known that we are unalterably opposed to any attempt to subject advance market values of flowers previous to a decline or other special demand. Those who did on this occasion advance the price for no other reason than that Memorial Day was approaching, made nothing by it this year except the usual public execration and they also had the satisfaction of seeing their hoarded material sold "for a song" or lost completely. It is better always to sell many flowers at a popular price than fewer flowers at a prohibitive price.

The nurserymen, as many of our readers know, are trying to get together a substantial sum as a Market-Development Fund in much the same way and for the same general purpose as the florists are getting together their Publicity Fund. The nursery interests have lagged badly for some years, and it is very opportune that they have undertaken this proposition at the present time for, with the many other matters that occupy the public attention they are in a way to forget that there is any such thing as the nursery business. During the spring months, nurserymen have had little time to give attention to anything but the execution of their orders. With as many troubles as usual in the spring season, they have had added this year, the difficulty to get labor, efficient or otherwise, and transportation for their shipments, but in the next two months, they expect it will grow to considerable proportions and now have 128 subscribers who have pledged approximately \$15,000 per year for a period of five years. We hope the response will be prompt and liberal. Under present conditions of trade the nurserymen and the florists cannot possibly make a better investment for business building.

We are very glad to hear from Washington that the fuel administration authorities have found a way in which the small florist—the greenhouse man with only a small extent of glass—may be protected against a literal enforcement of the new law restricting the use of coal. The Government knows the situation and understands what must be done much better than we do, and we think that the florist trade generally, while somewhat dazed at the prospect of cutting their business in half, are disposed to submit without murmur to the ruling as laid down. But, as has frequently been set forth in these columns and elsewhere, it did seem desirable from every standpoint of humanity that some alleviation might be found whereby the man dependent upon a small place for a living for himself and family might not have that source of livelihood taken away from him and, as said before, we are glad to know that way has been found. Many have been disposed to criticise as useless the going of a delegation to Washington for the purpose of conferring there upon the coal situation, and in all probability a small committee would have accomplished fully as much, but just the same, the florist trade in every part of the country can thank the Society of American florists for this concession, which means so much. We trust it will not be forgotten by the trade whenever the S. A. F. asks their support. A live national society is a big asset for any business nowadays.

It is quite doubtful if anyone can tell just how much is very evident that the supply of flowers for Memorial Day in many places was much larger than was needed this year, and this notwithstanding the fact that from everywhere comes the assurance that fully as many flowers as ever were sold before for a similar occasion. While HORTICULTURE regards it as calamitous that flowers should be sold at any time at a price lower than the

Flowers
left over

FLOWERS AN ESSENTIAL

(Address by Alvah R. Jones of the S. S. Pennock Co. to the Ladies' Library Club of Athens, Pa., May 18, 1918.)

There has been considerable agitation along the line of the elimination of non-essentials, but it seems to be impossible for us to come to the decision as to what constitutes a non-essential, for all we individuals care for, to us seems most essential, and we unconsciously find ourselves placing in the list of non-essentials the things that did not particularly affect us but might be considered very necessary to some one else. So that today we find people to whom flowers did not particularly appeal placing the same in the list of non-essentials and agitating very strongly for the non-growing of the same. There are two important facts to be considered in connection with this condition, the practical one being that there is an enormous amount of money and many people engaged in the florist's business, both in cut flowers and plants and the raising of flowers for seeds, and as our government depends upon the receiving of taxes from the business people for the money to defray its expenses, therefore this industry plays quite an important part in the raising of revenue for the government. The second view is the message of love and pleasure that flowers convey and the brightening of the dark corners of life, on this earth, for you will all grant me one thing, and that is, that this world would indeed be a most dreary spot with no flowers available.

In the early spring of the year what is more refreshing than a stroll through the country-side communing with nature, and during the walk the song of the birds would not be near as melodious were it not for the nodding welcome of God's most beautiful expression to man, namely, flowers. In times of joy there is nothing that conveys one's thoughts so completely as do a few flowers, and the pleasant memory of them remains for many years after. As time rolls on the hand of sorrow is placed on our shoulder, and is there anything then that so satisfactorily lets us know that those whom we hold most dear are thinking of us in the dark moments. Word of the orator, brush of the painter, or hand of the sculptor have never as yet been able to convey to man the message that flowers carry, and yet they are within the reach of the most humble of us all, for the varieties are

so numerous that without any effort it is possible to find some of God's messages within the reach of the poorest; and should our efforts only reach the hardier varieties as found in the gardens hereabouts, we are still fulfilling our mission on earth of making life a brighter place for our neighbors as well as ourselves. For the fact remains that

The roses red upon my neighbor's vine
Are owned by him, but they are also mine,
His was the cost and his the labor, too,
But mine as well as his, the joy their
loveliness to view.

They bloom for me and are to me as fair
As to the man who gave them all his care,
And I am rich because a good man grew
A rose-clad vine, for all his neighbors'
view.

I know from this, that others plant for me,
And what they have, my joy may also be;
So why be selfish when so much that's fine
Is grown for you upon your neighbor's
vine.

And in these moments of stress when the country is becoming deeper and deeper immersed in the great war that is now raging, to the one that is left behind could there be more nerve-resting and helping diversion than the growing of flowers and the cutting of the blooms, sending the same to the hospitals for the brightening up of the sick and bringing a little sunshine into the lives of the unfortunate; for is there not a feeling of pleasure in this work that words cannot describe, and also the thought that perhaps some one is doing the same for your boy "over there." And as time rolls on there will be brought to our own shores hundreds of men for medical treatment, and flowers when sent to them will in many cases do as much good as medicine in the much desired recovery. As the United States have ever been a boon to the persecuted, a haven of rest to the weary, so let us continue along the lines of beautifying the community in which we reside, and by each doing his share we shall make of this country a most beautiful place for the newcomer to see, and a source of great comfort and pleasure to us who have always been here.

And so in closing may I say in the words of that great writer: "He who has made two blades of grass grow where one grew before, has planted a flower that gives a welcome to the weary traveler along the King's highway, and has paid his rent to the Owner of this universe for the space that he has permitted him to occupy along the pathway of life."

ADVERTISING IS THE MOTOR POWER OF INDUSTRY.

Relax in your advertising and your business will eventually slow down to a standstill and then what!

Advertising serves to stimulate the buying public to greater needs and to awaken the desire for certain commodities that perhaps lay dormant in the mind of the prospective buyer.

It is absolutely necessary to carry on our advertising campaign to greater power than ever before in order to stimulate more demand for flowers for two reasons, first because we have made a good start, and second because it will be the means of creating more sales for flowers which will solve the higher price problem so essential to the growers to overbalance the increased labor cost and fifty percent deficit in coal distribution.

This is the missing link that must supply the needed energy so essential for the furtherance of our business to a means that must make it profitable. With this is needed the individual efforts of the various florists throughout the country to back it up to get the fruitful results.

Unless this is done on a broader scale than ever before I can see only disaster for a good many of the florists in the near future, while the men who have courage and vision to go through, will and must benefit, more now than ever.

It would be the most unpatriotic act on the part of the florists of this country to even think of curtailing in this direction as it would lead to still further inroads of depression and eventually this would of necessity be the means of their not being able to participate in the Liberty Bond, Red Cross, and other movements so essential to help win the war.

This problem affords serious thought, and the greatest thinking minds of the advertising world have decreed that advertising now, more than ever, will be the motor power that will solve the problem; that of giving us maximum results for energy used.

Boys! Go to it stronger now than ever and watch the results.

Henry Penn

Chairman, National Publicity Campaign.

NEW CORPORATION.

East Liverpool, O.—The Colton Flower Company, capital stock \$1,000. Incorporator, Mary A. Colton.

CLUBS AND SOCIETIES

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

Field Day.

The club will have its second field day of the year, at Milton, Mass., on Saturday afternoon, June 8, 1918, on invitation of Mr. Nathaniel T. Kidder.

From Mr. Kidder's estate members can take a train at the South Station at 2.25 p. m., or elevated trains to Forest Hills, there transferring to Milton and Mattapan cars and getting off at Milton Lower Mills. We would like all who possibly can, to be at Milton Lower Mills at 2.45 p. m. It is a very pleasant walk from there to Mr. Kidder's, but we have arranged for motors or barges to convey any who prefer riding to walking. Some of our members will undoubtedly come in their own cars, and will go direct to 352 Adams Street, Milton. We would like all to be on hand by 3 o'clock. Ladies are, as usual, cordially invited to be present.

Ladies' Night

The club will hold a Ladies' Night at its next regular meeting on June 18. There will be a short entertainment followed by refreshments and dancing. All club members in good standing are entitled to two tickets, which are non-transferable and can be had on application to the secretary. Additional tickets may be had at 50 cents each.

The annual club picnic will be held at Cunningham Park, East Milton, on Wednesday, July 24. We are planning to make this more enjoyable than ever.

W. N. CRAB, Sec'y.

AMERICAN ROSE SOCIETY.

Rose Registrations.

The following requests have been received for registration of roses and these have been approved by the Rose Registration Committee. Unless objections are received within three weeks from the date of this publication, the registrations will be permanently accepted:

Name, Bonnie Prince; class, Wichuraiana; parentage of rose, Tausendschon X unnamed seedling.

Description: Habit of plant, very free Rambler. Character of foliage, abundant, glossy, medium green. Freedom of growth and hardiness, very free and hardy. Flower, full double in corymbs of 17 to 25. Color, white. Form, large for type, a trifle flat. Fragrance and bud, sweet, ovoid bud. Petalage, very numerous. Freedom of bloom and lasting quality, very free, three to five weeks.

Meetings Next Week

MEETINGS NEXT WEEK.

Monday, June 10.

Gardeners' and Florists' Club of Rochester, Florists' Exchange Hall, Rochester, Md.
New York Florists' Club, Grand Opera House, New York City.
Rochester Florists' Association, 140 N. St., East Rochester, N. Y.
Cincinnati Florists' Society, Hotel Gibson, Cincinnati, O.

Tuesday, June 11.

Newport Horticultural Society, Newport, R. I.

Wednesday, June 12.

Cincinnati Florists' Society, Laboz 1, 1001 Flower Market, Cincinnati, O.
Dutchess County Horticultural Society, Fallkill Bldg., Poughkeepsie, N. Y.
Lenox Horticultural Society, Lenox, Mass.
Morris County Florists' and Gardeners' Society, Madison, N. J.
Nassau County Horticultural Society, Pembroke Hall, Glen Cove, N. Y.

Thursday, June 13.

Marble Park Horticultural Society, Marble Park, Calif.
New London Horticultural Society, Municipal Bldg., New London, Conn.

Friday, June 14.

Connecticut Horticultural Society, County Building, Hartford, Conn.
Westchester and Fairfield Horticultural Society, Dorans Hall, Greenwich, Conn.

Saturday, June 15.

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

The rose is similar to Mad. Alfred Carriere but is different in being larger and higher built and superior for the following reasons: free blooming and fuller.

(Signed) THOMAS N. COOK.

Name, May Martin; class, hybrid Tea; parentage of rose, sport of Ophelia.

Description: Habit of plant, tall. Character of foliage, soft green. Freedom of growth and hardiness, excellent. Flower, semi-double. Color, mustard yellow with cream base. Form, long with high centre. Fragrance and bud, quite fragrant with bud pointed and firm. Petalage, averages 22 petals. Freedom of bloom and lasting quality, very free bloomer and has excellent keeping qualities.

The rose is similar to Ophelia but is different in color which is most pronounced and superior for the following reasons: foliage, which is quite a characteristic.

(Signed) MARTIN & FORBES Co.

E. A. WHITE, Secretary.

The annual meeting and election of officers of the Cincinnati Florists' Society will be held on Monday evening, June 10, at the E. G. Hill Floral Company's store.

THE HORTICULTURAL SOCIETY OF NEW YORK.

A flower exhibition will be held on Saturday and Sunday, June 15th and 16th, in the Museum building, New York Botanical Garden. Outdoor grown roses and peonies will be the features. Prizes are also offered for flowering shrubs, trees and herbaceous plants. Schedules are now ready for distribution, and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, N. Y. City.

GEORGE V. NASH, Sec'y.

LADIES' SOCIETY OF AMERICAN FLORISTS.

Mrs. Julius Roehrs has appointed Mrs. Chas. H. Totty, Madison, N. J., as treasurer to fill the unexpired term of Mrs. Albert M. Herr, appointed secretary to fill the vacancy caused by the decease of Mrs. G. W. Smith.

MRS. J. ROEHRS, Pres.

MRS. A. M. HERR, Sec'y.

ROCHESTER, N. Y.

Senator and Mrs. John B. Mullen will celebrate their 29th wedding anniversary on June 24 at their home on Wellington avenue, and also the marriage of their daughter Margaret to Mr. John Baird of this city.

Many nurserymen and florists report business as very active, but they have been very much handicapped with such a shortage of men and the demand for the planting and other work necessitated their help to work several hours overtime daily.

The old-time firm of Ellwanger & Barry Nursery Co. is to be dissolved, but the Ellwanger & Barry Realty Co. will be continued. This is distinct from the Nursery Co. and will not be affected by the latter's dissolution. The stockholders of both concerns are the heirs of George Ellwanger and Patrick Barry, who were pioneers in the nursery business in Rochester. The business grew by great strides and soon the name of Ellwanger & Barry was known in horticulture circles in most of the United States. William C. Barry was connected with the founders of the firm for a number of years, and it is largely owing to this company that western New York has become famous for its apples. The firm also disseminated valuable knowledge on the raising of other fruit and ornamental trees. Products of the firm's nurseries are to be found in parks and gardens all over the world.

RHODODENDRONS.

The rhododendrons had a hard time last winter and the wonder is that after such a period of Arctic weather they managed to survive at all. As it was the foliage was pretty severely damaged but the flowers were not materially damaged in most cases and now in the vicinity of Boston, at least, they are making a grand show while the young shoots and foliage serve to effectively camouflage the injured leaves of the past season.

Persons who desire to cultivate these plants must remember that rhododendrons including all azaleas, cannot live in soil impregnated with lime. Rhododendrons are not hardy north of Massachusetts, and south of Pennsylvania the summer sun is too hot for them. The range therefore in eastern North America where these plants can be successfully cultivated is comparatively small, but probably the northwest coast of North America from southern British Columbia to northern California is as well suited for these plants as any part of the world, and there can be grown in addition to all the varieties common in European gardens the Himalayan and Chinese species which here in the east can only be kept alive in glass houses, and in Europe thrive only in a few exceptionally favorable places like Cornwall or in the neighborhood of the Italian lakes.

Rhododendrons, although they are moisture-loving plants, do not thrive in undrained positions; they do best in soil in which loam and peat have been equally mixed, although peat is not always essential to the successful cultivation of these plants. They should be planted where the roots of trees cannot take away moisture from them, and the best position for these plants is on the north side but not too near coniferous trees. In such positions they are protected from the direct rays of the sun in March and April, for in this climate where the roots are in frozen ground in winter and therefore cannot take up moisture, it is important to reduce as much as possible winter and early spring evaporation from the leaves. It is this evaporation from the leaves of evergreens growing in frozen soil which makes it impossible to keep alive many of them in this country; and this is the reason why it is desirable to water thoroughly rhododendrons just before the ground freezes in the autumn. Rhododendrons imported from Europe suffer here from the stock on which they have been grafted. The almost universal custom among European nurserymen is to use



PATRIOTS

Rhododendron ponticum as the stock for these plants because it is easily and quickly raised and readily grafted. *R. ponticum* is not at all hardy here, and there is little doubt that our want of success with rhododendrons imported from Europe is due, in part at least, to the stock on which they have been grafted and that the gradual or sudden death here of large plants which have been uninjured by cold or drought for twenty or thirty years is due to this cause.

The familiar rhododendrons of New England gardens are so-called Catawbiense hybrids and were raised in Europe many years ago by crossing *R. catawbiense*, a native of the highest summits of the Appalachian Mountains, with Himalayan species, notably the scarlet-flowered *R. arboreum*. It might be expected that plants obtained from these crosses would be hardy in proportion to the predominance of the American plant but, judging by the color of the flow-

ers, this is not always true. Varieties like *Atrosanguineum*, Charles Dickens and H. W. Sargent, which have flowers as bright red as those of *R. arboreum*, are among the hardiest of all garden rhododendrons; but varieties with white or pale flowers are more tender than those with rose pink or purple flowers which most closely show the influence of the *Catawbiense* parent; and unfortunately the varieties with light-colored flowers marked at the base with large brown or chocolate-colored blotches, like *Sappho*, are not at all hardy here.

The hardiness of these hybrid rhododendrons can only be determined by trial, although in selecting varieties for trial it is safe to assume that plants with broad leaves resembling those of *R. catawbiense*, like *Everestianum*, Mrs. C. S. Sargent, *Roseum elegans*, *Henrietta Sargent*, *Catawbiense album*, and all the varieties with light or dark purple flowers are likely to prove hardier than the plants

Mr. John R. ... example, ... leaves and is ... Water ... of a ... of any of these hybrids, usually suffers in winter and almost invariably ...

For ... plant Cataw ... should ... knowledge which has been laboriously and expensively obtained about these plants at Wellesley, Mass., on Mr. Hunnewell's ... where ... have been tested on a large scale for sixty years, and at the Arboretum where many of the hardiest kinds raised in England, Germany, and the United States are now in flower. There are other evergreen rhododendrons which are not as often cultivated here in Massachusetts as they might be. *R. catawbiense* itself is perfectly hardy and none of its hybrids have handsomer foliage. It grows slowly, however, and never to a very large size, and the flowers are of a disagreeable purple-rose color.

One of the handsomest of the early rhododendrons, *Boule de Neige*, shows no effects of a hard winter. The leaves are as green as they were in October and the flower-buds have not been injured. It is a dwarf plant rarely growing to the height of three feet but the branches are wide-spreading and form a broad, compact, round-topped head. Little appears to be known of the history of this plant; it is evidently a hybrid and *R. caucasicum* is no doubt one of the parents. Judging by the leaves, *R. catawbiense*, or one of its hybrids, may be the other parent. The French name suggests that it was raised in France as does the name of the raiser, Oudieu, given in a recent English work on Rhododendrons. Whatever these may have been *Boule de Neige* seems one of the hardiest rhododendrons which can be grown successfully in this climate. Another dwarf rhododendron, *Mont Blanc*, a variety or hybrid of *R. caucasicum*, flowered a few days earlier than *Boule de Neige*. It is a dwarfier plant and the flowers are rose color when they first open but soon become pure white. This is a plant which has bloomed in the Arboretum for several years and has never been injured. The history of its parentage and origin are not recorded. A hybrid, *R. caucasicum*, with rose-colored flowers, sold in nurseries as *R. Jacksonii* although that name properly belongs to another hybrid, has lost a good many leaves and some of the flower-buds.

Rhododendron maximum, which grows naturally as far north as southern New Hampshire, is a large plant, sometimes treelike in habit, with handsome, long, narrow leaves and small clusters of beautiful pink and white flowers. It is the last of the rhododendrons to bloom here, and the flower-buds do not open until the new branchlets have nearly finished their growth, so that the flower-clusters are a good deal hidden by them. The varieties and hybrids of the dwarf *Rhododendron caucasicum* bloom before the Catawbiense hybrids and the flowers have already faded. The latest of this race to flower, and perhaps the best of them all here, is a low, broad, compact plant with pure white flowers called *Boule de Neige*. This is a perfectly hardy, free-flowering plant which might to advantage be more generally planted in Massachusetts.

Rhododendron carolinianum. Another year increases our admiration for this native of the slopes of the southern Appalachian mountains which is the handsomest of the small rhododendrons in the Arboretum collection. It is perfectly hardy, the habit is excellent, and the leaves are very dark green above and rusty below. It flourishes in the full sun or in deep shade, and never fails to produce abundant crops of its clusters of pale rose-pink flowers. This is one of the best of the broad-leaved evergreens recently introduced into our gardens.

Rhododendron Smirnowii is a plant with which Americans interested in the cultivation of rhododendrons would do well to become acquainted, for it is not only a beautiful plant but may prove exceedingly valuable in the production of a new race of hybrid rhododendrons better suited for this climate than any which we now have. It is a native of the Caucasus and a large shrub with pale gray-green leaves coated below with a thick mat of pale felt, and large pink or rose-pink flowers in medium-sized clusters. The leaves are not as handsome as those of *R. catawbiense* and its hybrids, and when the plants are fully exposed to the sun the leaves sometimes curl up in very hot weather. The felt on their lower surface, however, protects them from the attacks of the lace-leaf fly from which other rhododendrons suffer so seriously here. By crossing this rhododendron with *R. catawbiense* or with some of the hardiest of its hybrids it may be possible to obtain plants superior to any now in our gardens. A Japanese species, *Rhododendron brachycarpum*,

may also prove valuable for crossing with *R. Smirnowii* or *R. catawbiense*. This is a species of the high mountains of Japan, with large, dark green leaves and large clusters of very pale yellow flowers; it is an exceedingly rare plant in western gardens and does not appear to have been much cultivated by the Japanese. It was one of the plants brought from Japan in 1862 by Mr. Gordon Dexter of Boston and it grew to a large size and flowered for many years in Francis Parkman's garden in Jamaica Plain. This specimen was later transferred to the Arboretum and is no longer alive. There are now seedling plants here, and there is no reason why this handsome species should not become common in American gardens.—Compiled in part from the Arboretum Bulletin.

BOUVARDIAS.

In the scarcity of lily of the valley, *bouvardia* is doubly welcome in the making up of bouquets and design work where a choice white flower is needed to give graceful finish. *Bouvardias* will pay well for their room and keep. Any culture and soil that suits carnations or roses will satisfy the *bouvardias*. Plant the young plants in the open and keep them well cultivated, transferring them to the bench in early September. Give water freely and keep them pinched back if they show any disposition to flower in the field.

CHRYSANTHEMUMS.

Chrysanthemums should be shifted along and kept growing without any interruption. Do not let them get pot-bound and be sure that watering and spraying in these hot June days are not neglected. Keep them properly staked and with plenty of air room about each plant so that good clean perfect foliage, which is almost as essential as the flowers, may be had.

What Is That Plant?

A difficult question to answer usually unless flowers are present, because the ordinary Manuals make use of flower and fruit characters. It may be answered easily for over 1000 trees and shrubs, including those most commonly planted in the eastern States and in northern Europe, from foliage only, by aid of the 200-page book, "Plant Materials of Decorative Gardening," by William Trelease, convenient for handling and of a size to fit the pocket, which may be had of the HORTICULTURE PUBLISHING CO., for \$1.00—postpaid.

COLLECTING INTEREST ON UNPAID ACCOUNTS.

The following inquiry comes to me from a retail dealer in Capron, Ill.;—

Please advise if with a sign up in our store reading seven per cent interest will be charged on past due accounts, and the same statement appearing on all our bill-heads, can we legally charge and collect this interest?

This is a subject on which I have had decided opinions for many years. Whenever I have had the opportunity, I have advised individual clients as well as commercial organizations which it has come in my way to address, that all wholesale and retail merchants should have a rigid rule that accounts not paid by a certain date must bear interest. I sat down once and tried to calculate how much money the merchants of the land lost by not doing this, but it ran into such a sum before I got half way through, that I stopped. Without doubt the total would be staggering.

The customer who fails to pay his account when due is no more or less than a borrower from his creditor. Why should he not pay interest like any other borrower? Only the other day one of my clients was discussing his financial condition with me. He had just been compelled to go to his bank and borrow, because he had so much money on his books that he couldn't collect. Was he charging interest on those overdue accounts? No. Why not? Because he didn't think his customers would stand for it. That has always been the obstacle in the way of charging interest on overdue accounts—fear of antagonizing trade. There are two answers to make to that objection to-day. First, customers are being educated to stand anything just now, and being charged interest on overdue accounts is no worse than many other things they have endured with comparative equanimity. Second, the plan to charge interest could in many towns be adopted by all the merchants together if somebody would work it up. Such a combination would be perfectly legal, and in many cases quite easy to form—and absolutely effective.

A large number of other merchants are in the same position as the client I spoke of—they are paying interest on money which they borrow to practically lend out to their customers without interest.

It is the settled law that merchants can charge interest on overdue accounts, *provided the customer knew or had reason to know that interest was to be charged.* The qualification is important. Take a dealer who has handled his credit trade as it is usually handled—carrying his people along, collecting when he can, but

never charging interest, although some of his accounts or parts of accounts, run for many months. A man like that, who has been accustomed to give a customer months of credit without interest, cannot suddenly start in to add interest to his customer's account. He has led his customer to believe, by a course of dealing, that he did not intend to charge interest and he cannot suddenly change that course of dealing without warning. He should send an express notice by mail to every customer, and post a sign in his store, that on and after a certain date all accounts not paid when due will bear interest. When the time comes he can start to add interest to his customers'



CAPT. JAMES W. ANDERSON

unpaid accounts and can collect every cent of it.

After a merchant had established this rule and was enforcing it right along, any new customers who came to him could be charged interest on overdue accounts without notice, regardless of the fact that they might not have been charged it by anybody else with whom they had dealt. That is because the particular dealer has never established any course of dealing with them which led them to believe he didn't intend to charge interest. He had merely applied his regular rule to them. And the uniform custom of a merchant, carried out, let us say, by notice on his letterheads, billheads and perhaps by a notice posted in store, binds his customers whether they see it or not.

Even where a merchant has a regular custom of charging interest on unpaid accounts, no interest can be

charged upon an account unless it is liquidated, that is, unless the amount is settled and fixed. An open running account does not bear interest.

Notice to customers that interest will be charged on accounts not paid when due should, of course, state when they are due, that is, in ten days, thirty days, on presentation, and so on. I remember one case in which a merchant's effort to collect interest was defeated because he said it would be charged on accounts "not paid when due," and he had been so shiftless in presenting bills in the past that nobody knew when he considered them due.

The situation as to collecting interest on unpaid accounts is somewhat different when you have to sue a customer to collect an account. In that case you can always add interest from the day when commercial custom would make the account due, for example, at the end of thirty days. To illustrate, you sell a customer \$500 worth of goods on May 1st. He doesn't pay. Custom would make the account payable June 1st, and you can therefore add interest from June 1st.

(Copyright, May, 1918, by Elton J. Buckley.)

CAPT. JAMES W. ANDERSON.

The accompanying cut is from a photograph of Capt. James W. Anderson, Coast Artillery, U. S. Army, son of Wm. Anderson of Lancaster, Mass. He is stationed at Fort Greble, Newport, R. I. He took the military examinations just before he graduated from the Massachusetts Institute of Technology, last June, was commissioned second lieutenant and sent to the Officers' Training School at Fortress Monroe, Virginia. Last November he was made first lieutenant and sent to Fort Greble. About two weeks ago he was promoted to captain. He is 24 years of age.

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BOSTON

The Thompson Collection is a part of the collection of Park Commissioners of Minneapolis. Minneapolis has a long history. As Minneapolis developed, the printing and publishing industry was established, resulting in the years when the department was in the hands of the department. The collection is a part of the Thompson Collection, Theodore Wirth. Besides many beautiful full-page engravings there are many inserts of maps and line drawings.

We have received a copy of the fire prevention manual, "Safeguarding the Home Against Fire." The war-time importance of conserving life and property is so urgent that we should like every reader of HORTICULTURE to have this booklet. It has already received the unqualified endorsement of many state fire marshals, insurance commissioners and other officials, and seems likely to be adopted for use as a text book by the public schools in many cities and towns. The contents comprise eighteen chapters with illustrations in the margin. The dangers from matches, stoves and furnaces, rubbish, kerosine, gas, gasoline, smoking, electricity, etc., are fully enlarged upon and means of preventing, also of fighting fires are told in a most instructive and impressive manner.

Hartford, Conn.—J. Albert Brodrib, a florist of No. 639 Main street, is another victim of the young man who, posing as a soldier of the United States Army, left a trail of worthless checks before he was finally forced to leave the city. He notified police headquarters. The check given to Brodrib was for \$10. Brodrib is the fifth person to complain of the stranger's activities.



Single Fringed—Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze. Mixed: 100, \$7.00; 1000, \$65.00.
Single-Flowering—Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon. Mixed: 100, \$4.75; 1000, \$45.00.

The Seed Store 12 and 13 Faneuil Hall Sq., Boston

Herkimer, N. Y.—The Baker Greenhouses, East Main street, Ilion, have been purchased by W. D. Snell,

MICHELL'S NEW CROP PANSY SEED

Michell's Giant Exhibition Mixed

A giant strain which for size of bloom, heavy texture and varied colors and shades cannot be surpassed. Half tr. pkt., 30c.; tr. pkt., 50c.; $\frac{1}{2}$ oz., \$1.25; \$2.00 per $\frac{1}{4}$ oz.; per oz., \$7.00.

GIANT SORTS IN SEPARATE COLORS

	Tr. pkt.	Oz.
Azure Blue	\$0.40	\$2.75
Black Blue .....	.40	2.75
Emperor William, blue.....	.40	2.75
Hortensia Red .....	.40	2.75
King of the Blacks.....	.40	2.75
Lord Beaconsfield, purple violet .....	.40	2.75
Peacock, blue, claret and white .....	.40	2.75
Snow Queen, pure white.....	.40	2.75
Striped and Mottled.....	.40	2.75
White with Eye.....	.40	2.75
Pure Yellow .....	.40	2.75
Yellow with Eye.....	.40	2.75

Also all other reasonable Seeds, Bulbs and Supplies.

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CHOICE FLORISTS' FLOWER SEEDS
Asparagus Plumosus Nanus—1000 seeds, \$2.50; 5000 Seeds, \$15.00.
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Salvia Bonfire— $\frac{1}{2}$ oz., 50c.; 1 oz., \$2.00.
Salvia Zurich— $\frac{1}{2}$ oz., 75c.; 1 oz., \$4.00.
Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White
—Tr. Pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$5.00.
Snapdragon, Petunias, Verbenas, etc.
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BLUE LIST OF WHOLESALE PRICES
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7/9 (300 per case)..... \$80.00 per thousand
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IRIS, LILIUMS, PAEONIES, ETC.

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We have just received
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This is unexcelled for top dressing any crop or mixing with the soil, or for use in solution. There is no safer or surer material to be had.

Write for prices and receive a supply while it lasts. It is difficult to obtain.

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38 Dorrance Street
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Of Interest to Retail Florists

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Leading Retail Florists Listed by Towns for Ready Reference. Orders transferred by telegram or otherwise to any of the firms whose address is here given will be promptly and properly filled and delivered.

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Albany, N. Y.—The Rosery, 21 Steuben St.
Bangor, Me.—Adam Sekenger, 32 Newbury St.

Boston, Thos. E. Galvin, 1 Park St.
Boston, Penn. the Florist, 124 Tremont St.
Boston, Julius A. Zinn, 1 Park St.
Buffalo, N. Y.—S. A. Anderson, 110 Main St.

Buffalo, N. Y.—Palmer's, 301 Main St.
Chicago, William J. Smyth, Michigan Ave. and 31st St.

Cleveland, O.—J. M. Gasser Co., Euclid Ave.

Cleveland, O.—Adam Graham & Sons, 5523 Euclid Ave.

Cleveland, O.—Knoble Bros., 1836 W. 25th St.

Cleveland, O.—The Smith & Fellers Co., 755 Euclid Ave.

Denver, Col.—Park Floral Co., 1613 Broadway

Detroit, Mich.—J. Breitmeyer's Sons, corner Broadway and Gratiot Ave.

Fall River, Mass.—Warburton, 195 New Boston Rd. and 36 N. Main St.

Houston, Tex.—Kerr, The Florist.

Kansas City, Mo.—Samuel Murray, 1017 Grand Ave.

New Haven, Conn.—J. N. Champion & Co., 1026 Chapel St.

New York—David Clarke's Sons, 2139-2141 Broadway.

New York—Alex. McConnell, 611 5th Ave.

New York—Young & Nugent, 42 W. 28th.

New York—A. T. Bunyard, 413 Madison Ave., at 48th St.

New York—Dards, N. E. corner 44th St. and Madison Ave.

New York—G. E. M. Stumpp, 761 Fifth Ave.

New York—Thos. F. Galvin, Fifth Ave., at 46th St.

New York—Kottmiller, 426 Madison Ave. and 49th St., also Vanderbilt Hotel.

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At your service to deliver Flowers or Designs on Order by Telegraph or otherwise. Prompt Reliable Service.

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HELP do YOUR BIT To-day

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Flowers of Every Kind in Season

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5523 Euclid Ave.
Will take good care of your orders
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ANDERSON service means fresh, sturdy
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WARBURTON
FALL RIVER, MASS.
Deliveries of Flowers and Plants
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H. F. A. LANGE
WORCESTER, MASS.
Deliveries to all points in New England.
125,000 Square Feet of Glass.
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And All New Haven Neighborhood
FLOWER AND PLANT DELIVERIES
Everything First-Class
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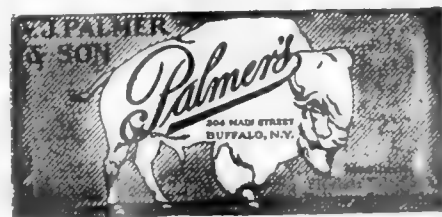
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Delivered on mail or telegraph order for
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Flowers or Design Work
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"THE HOME OF FLOWERS"
The largest cut flower store in America.
Orders for the TWIN CITIES and for all
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tention
HOLM & OLSON, Incorporated
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The Park Floral Co.
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RAMBLER ROSES

In all Colors

\$5.00 to \$20.00 per 100 sprays. All orders should be placed in advance. Rambler Roses cannot be carried in stock. We have all orders cut as needed to insure good stock and satisfaction.

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N. W. Corner 12th and Race Streets
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EDWARD REID WHOLESALE FLORIST

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CHOICE BEAUTIES, ORCHIDS, VALLEY, ROSES
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CHARLES E. MEEHAN

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Plants, Greens, etc.

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Please mention Horticulture when writing.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

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Consignments Solicited

Hardy Fancy Fern Our Specialty
264 RANDOLPH ST., DETROIT, MICH.

The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
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Tell Them You Did So And
They'll Reciprocate

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.
2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON June 4		ST. LOUIS June 3		PHILA. June 3	
Roses						
Am. Beauty, Special	15.00	to 20.00	.....	to	30.00	to 40.00
" " Fancy and Extra	12.00	to 15.00	25.00	to 30.00	12.50	to 25.00
" " No. 1 and culls	2.00	to 6.00	5.00	to 10.00	8.00	to 10.00
Russell, Euler, Mock	2.00	to 6.00	4.00	to 10.00	2.00	to 15.00
Hadley	2.00	to 8.00	.....	to	2.00	to 15.00
Arenberg, Hoosier Beauty	2.00	to 6.00	3.00	to 5.00	1.00	to 8.00
Ward	2.00	to 6.00	3.00	to 6.00	1.00	to 6.00
Killarney, Radiance, Taft	2.00	to 6.00	3.00	to 6.00	1.00	to 10.00
Ophelia, Sunburst, Hillingdon	1.00	to 6.00	3.00	to 10.00	1.00	to 10.00
Carnations	1.00	to 2.00	4.00	to 5.00	1.00	to 3.00
Cattleyas	.....	to 25.00	.....	to 50.00	40.00	to 60.00
Lilies, Longiflorum	4.00	to 8.00	.....	to 12.50	4.00	to 8.00
Lilies, Speciosum	1.00	to 6.00	.....	to .....	.....	to 4.00
Iris	2.00	to 4.00	.....	to .....	.....	to 0.00
Callas	6.00	to 1.00	10.00	to 12.00	.....	to 8.00
Lily of the Valley	2.00	to 4.00	.....	to 6.00	6.00	to 8.00
Snappdragon	2.00	to 6.00	3.00	to 6.00	1.00	to 3.00
Gladiali	4.00	to 8.00	.....	to 10.00	8.00	to 10.00
Pansies	2.50	to 5.00	.....	to .....	.....	to
Peonies	2.50	to 6.00	2.00	to 4.00	2.00	to 5.00
Calendula	1.50	to 1.00	.....	to .....	.....	to
Stocks	1.00	to 3.00	2.00	to 3.00	.....	to
Mignonette	1.00	to 2.00	.....	to .....	.....	to
Sweet Peas	.75	to 1.50	.....	to .30	.40	to .75
Marguerites	1.00	to 2.00	.....	to .....	.50	to 1.00
Gardenias	15.00	to 25.00	.75	to 3.00	.....	to
Adiantum	1.00	to 1.25	.....	to 1.00	.75	to 1.00
Smilax	.....	to 40.00	12.50	to 15.00	.....	to
Asparagus Plumosus, & Spreng. (100 Bchs.)	45.00	to 50.00	25.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co. Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

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CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
BOOKS BALANCED AND ADJUSTED
40 STATE ST. BOSTON
Telephone Main 54.

Boston Floral Supply Co.

247-267 Cambridge St., Boston

Headquarters for
CYCLES, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not
received one.

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.


Flower Market Reports

BOSTON The Memorial Day trade was as large probably as Boston has ever enjoyed, but it was distributed differently and there was such a tremendous overloading of stock, especially of carnations and peonies, that to many it seemed to show a bad falling off. There was a rushing business done in out-of-town shipping and prices stayed pretty near normal on most things. The usual standbys, astilbe and stocks, were had in good quantity but they moved rather draggy; in fact, white flowers of any kind were badly in the discard. Much stock was left over, particularly white carnations, of which there were many thousands that could not be disposed of.

The market is full of **CHICAGO** flowers. A high temperature, accompanied by strong wind, has hurried on stock without making it particularly good. The closing of the previous week brought a good run of customers and much of the accumulation was moved without effort, otherwise than low prices. The first Monday in June was a good day, but on Tuesday stock filled the counters, and few buyers relieved the situation. There is no fixed price on carnations, the desirability of moving them to the customer on the spot being the first consideration. Roses have stood the warm weather fairly well but the size and color are, of course, not so good as earlier in the season. Peonies are now coming in rapidly. Many of the open ones are moved at once to local buyers for fifteen, twenty-five and thirty-five cents per dozen, while closed ones are reserved for long distance buyers. The cold storage houses are also being used this week for caring for the peony crop. A splendid variety of miscellaneous stock is also at the disposal of the buyers.

The Memorial Day **CINCINNATI** supply was good and large, due principally to the exceptionally heavy receipts in peonies. Business, however, all week was very quiet. Everything glutted in the market and moved only at the lowest prices. Roses are fairly plentiful. The carnation cut has shortened greatly. Lilies are in a good supply. Gladioli are beginning to come in strong and they are selling well. Snapdragon has a fair sale. Other offerings are sweet peas, delphinium, pansies, feverfew and cornflower.

Memorial Day fell **NEW YORK** flat in this city. Only the florists near to



DELPHINIUM

In light and dark blues (Belladonna the light) wonderfully choice stock, medium and long stems, in any quantity,

\$4 and \$6 per 100

PEONIES
\$3.00, \$4.00, \$6.00 per 100

RAMBLER SPRAYS
\$5.00 to \$20.00 per 100

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies.

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sts.

WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI June 3		CHICAGO June 3		BUFFALO May 27		PITTSBURG June 3	
Roses								
Am. Beauty, Special.....	40.00	to 50.00	25.00	to 35.00	20.00	to 30.00	20.00	to 30.00
" " Fancy and Extra ..	25.00	to 35.00	20.00	to 25.00	15.00	to 20.00	12.00	to 15.00
" " No. 1 and culls.....	8.00	to 15.00	8.00	to 15.00	3.00	to 10.00	4.00	to 10.00
Russell, Euler, Mock.....	6.00	to 15.00	4.00	to 25.00	5.00	to 10.00	4.00	to 12.00
Hadley.....	6.00	to 15.00	.....	to	3.00	to 6.00	.....	to
Arenberg, Hoosier Beauty.....	5.00	to 12.00	.....	to	3.00	to 8.00	.....	to
Ward.....	4.00	to 8.00	2.00	to 12.00	3.00	to 5.00	3.00	to 10.00
Killarney, Radiance, Taft	3.00	to 8.00	2.00	to 12.00	3.00	to 6.00	3.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	4.00	to 10.00	2.00	to 12.00	3.00	to 10.00	3.00	to 10.00
Carnations	3.00	to 4.00	1.00	to 4.00	2.00	to 4.00	2.00	to 3.00
Cattleyas	50.00	to 60.00	50.00	to 75.00	40.00	to 50.00	.....	to 75.00
Lilies, Longiflorum.....	10.00	to 12.00	10.00	to 15.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to .....	.....	to	4.00	to 6.00	.....	to
Iris.....	2.00	to 4.00	3.00	to 6.00	2.00	to 4.00	4.00	to 6.00
Callas.....	8.00	to 10.00	8.00	to 12.00	6.00	to 10.00	.....	to
Lily of the Valley.....	4.00	to 6.00	4.00	to 6.00	6.00	to 8.00	.....	to
Snapdragon.....	6.00	to 12.00	4.00	to 12.00	3.00	to 8.00	4.00	to 8.00
Gladioli.....	.....	to 8.00	6.00	to 8.00	5.00	to 10.00	.....	to
Pansies.....	.....	to 1.00	.50	to 1.00	.20	to .40	.....	to
Peonies.....	4.00	to 8.00	3.00	to 6.00	4.00	to 6.00	4.00	to 6.00
Calendula.....	2.00	to 3.00	2.00	to 3.00	1.00	to 3.00	.....	to
Stocks.....	2.00	to 4.00	.....	to	2.00	to 3.00	.....	to
Mignonette.....	4.00	to 6.00	2.00	to 8.00	2.00	to 3.00	.....	to
Sweet Peas.....	.50	to 1.50	.50	to 1.50	.50	to 1.00	.....	to
Marguerites.....	1.00	to 1.50	.50	to 1.00	1.00	to 1.50	.....	to 1.00
Gardenias.....	1.50	to 3.00	.....	to	15.00	to 20.00	.....	to
Adiantum.....	.....	to 1.00	.....	to 1.00	1.00	to 1.25	.75	to 1.25
Smilax.....	15.00	to 20.00	12.00	to 18.00	15.00	to 20.00	.....	to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	35.00	to 50.00	40.00	to 75.00

the cemeteries had any special work to do for the occasion, and as a good part of their work was in the line of bedding plants and there were a good many flowers blooming outside, the demand which they made on the wholesale market was of very small account. Then again the weather was stormy and transportation is in such unreliable shape here that shipping orders are discontinued and, indeed, they are not wanted and some of the wholesalers would refuse to accept them. The best flowers coming in now are the roses. They are good and are the mainstay of the business. For medium and high grade the prices are quite stable, but for the lower

grades and culls the prices are very little. Home grown peonies are now at their zenith and those from Pennsylvania and the cold storage flowers are really in the way and practically unsaleable. The latter have not done very well this season. The most of them were packed entirely too close and tight and came heated and spoiled. Orchids are not plenty and prices are improved. The demand for them is very light. Carnations were a big loss for Memorial Day and continue far too many for the needs of the market. All colors are overstocked, but the white and Enchantment suffer most and large quantities

(Continued on page 567)

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Choice Cut Flowers

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Call and inspect the Best Establishment
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Telephone 13-8810 Madison Square

Consignments Solicited

MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending June 1 1918		First Part of Week beginning June 3 1918	
American Beauty, Special	10.00	to 25.00	10.00	to 25.00
" " Fancy and Extra	8.00	to 10.00	6.00	to 8.00
" " No. 1 and culls	1.00	to 4.00	1.00	to 4.00
Russell, Euler, Mock	1.00	to 8.00	1.00	to 8.00
Hadley	1.00	to 20.00	1.00	to 20.00
Arenberg, Hoosier Beauty	1.00	to 6.00	1.00	to 6.00
Ward	1.00	to 6.00	1.00	to 6.00
Killarney, Radiance, Teft	1.00	to 6.00	1.00	to 6.00
Ophelia Sunburst, Hillingdon	1.00	to 8.00	1.00	to 8.00
Key	1.00	to 8.00	1.00	to 8.00
Carnations	1.00	to 4.00	1.00	to 2.00

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

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Manufacturers and Importers

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HOUSE OF AMERICA

REED & KELLER

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Florists' Supplies

We manufacture all our

Notal Designs, Baskets, Wire Work & Novelties

and are dealers in

Decorative Glassware, Growers and

Florists' Requisites

Beechwood Heights Nurseries

Importers and Growers of

ORCHIDS

Out Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor

ROUNT BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

When writing to Advertisers kindly mention Horticulture

Flower Market Reports

(Continued from page 565)

have been donated to the Red Cross. There is a good deal of astilbe at present, but it is not wanted and lilies are also in bad shape. Altogether there is very little in the situation at present to encourage optimism.

Our early anticipation for Memorial Day week did not pan out very well. The demand was fair, but the supply was far ahead, and scheduled prices had to take a big drop. The hot weather brought everything in with a rush. Usually we do a big out-of-town trade in peonies, etc., but this year most of the local nurseries and gardens were in bloom and customers could get them right off the field at nominal prices, thus saving packing and transportation charges. Roses were rather punky and other staples were also on the soft side. Plant trade around the cemeteries was about up to the average, with prices rather higher than last year.

Memorial Day saw **PITTSBURGH** a fairly good business from both the wholesale and retail point of view, although here and there was a retailer who was somewhat disappointed over the returns of the week. Other business was much ahead of the week before. Peonies are coming in by quantity lots but, unfortunately, in a softened condition on account of the extreme heat and excessive rains and so plentiful that the street fakers are disposing of them at the rate of 25 cents per dozen. Extremely desirable Spanish Iris is now coming in and selling at fair prices.

Peonies represented the bulk of the sale of cut flowers for Memorial Day. Easter lilies and asparagus plumosus, sent here in large quantities by growers who thought Washington business would be of the same type as that of the North, hung fire. Roses and carnations are showing the effects of the heat. Lily of the valley is very scarce and there is not enough to go around for June weddings and commencement bouquets. American Beauty roses are poor and scarce. Orchids are good and sell well.

Business previous to Decoration Day had been very poor, but trade for that holiday was brisk and large quantities of stock were cleared. The market was fairly well supplied.

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3065

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

	Last Part of Week ending June 1 1918		First Part of Week beginning June 3 1918	
Cattleyas	35.00	to 75.00	35.00	to 75.00
Lilies, Longiflorum	2.00	to 5.00	2.00	to 5.00
Lilies, Speciosum	2.00	to 4.00	2.00	to 4.00
Iris	3.00	to 6.00	2.00	to 6.00
Callas	4.00	to 6.00	4.00	to 6.00
Lily of the Valley	1.00	to 3.00	1.00	to 3.00
Snapdragon	2.00	to 4.00	2.00	to 4.00
Gladioli	2.00	to 4.00	2.00	to 4.00
Pansies.....	.25	to .50	.25	to .50
Peonies	1.00	to 8.00	2.00	to 8.00
Calendula.....	.50	to 2.00	.50	to 2.00
Stocks.....	.50	to 2.00	.50	to 2.00
Mignonette	1.00	to 2.00	1.00	to 2.00
Sweet Peas.....	.25	to 1.00	.25	to 1.00
Marguerites.....	.50	to 1.50	.35	to 1.50
Gardenias	4.00	to 25.00	4.00	to 25.00
Adiantum.....	.25	to 1.00	.25	to 1.00
Smilax	12.00	to 15.00	10.00	to 15.00
Asparagus Plumosus, & Spreng (100 bunches).....	8.00	to 20.00	8.00	to 20.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

Outdoor stock, of which there had been a great plenty, was pretty well over. Of peonies only the early varieties have so far been seen. Large shipments of roses continue to arrive, but carnations have not been so plentiful. Sweet peas and lilies are having good demand. Daisies, corn flowers and calendulas all sell fairly well. The demand for bedding stock is unusually large.

Memorial Day was to **ST. LOUIS** all reports a good one.

The only drawback was the exorbitant price of carnations. Anything looking like a carnation brought from four to six cents. These prices were entirely too high as the quality in most cases was very inferior. Roses, especially Russells, were very poor. At this writing, carnations are not plentiful. Outdoor sweet peas are in and sell fairly well, but if the weather remains hot they will not last very long.

St. Louis.—Otto Bruening, brother-in-law to H. G. Berning and manager there, has purchased the greenhouses of C. Stedile at Olivette. He will continue to grow Russells and Ophelias as a specialty. Otto will be in charge at the plant and his position as manager of H. G. Berning Wholesale House.

VISITORS' REGISTER

Boston — John Young, New York City.

Philadelphia.—C. C. Massie, Northrup, King & Co., Minneapolis, Minn.; H. Meuschke & Son, Pittsburgh, Pa.

Cincinnati.—Chas. A. Brown, Dayton, O.; C. A. Pommert, Amelia, O.; Milton Alexander, New York; S. M. Rosenfeld, New York; C. P. Brunner, Springfield, O.; Fred Bruggemann, manager for P. J. Olinger, New Castle, Ind.

Chicago.—A. A. Miller, Port Huron, Mich.; A. Peterson, Gibson City, Ill.; Mr. Owen and daughter, Gary, Ind.; Blain Wilcox, Council Bluffs, Iowa; H. G. Berning, St. Louis, Mo.; Paul Daut, Decatur, Ill.; Mr. and Mrs. J. S. Wilson, Jr., Des Moines, Iowa.

PERSONAL.

Earl Shaw has accepted a position on the George W. Perkins estate, Riverdale-on-Hudson, N. Y.

Winthrop H. Thurlow, of the Cherry Hill Nurseries, West Newbury, Mass., has enlisted as an auto mechanic in the tank service of the United States, and left for Fort Slocum last week.



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.

WE LEAD IN QUALITY, FINISH AND SERVICE

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Our Selling Agents in N. Y., N. J. and Eastern States Territory

LOCAL AND GENERAL NEWS

BOSTON.

GEORGE W. R. W. of the store of R. & J. Farquhar & Co., enters West End Market Avenue on June 14th.

James P. Thornton, a florist of East Broadway, South Boston, recently enlisted in the merchant marine. He has appointed his brother, manager, until his return.

The Service Flag flying over the South Market Street store of R. & J. Farquhar & Co., bears two new stars to honor their latest entrants into the Country's service. The new men are William Lawrie, who entered the Coast Artillery Corps, and Bror Gunson, who went to Fort Slocum, N. Y. as a Selective service man.

About thirty members of the various branches of the florist business gathered at the Boston City Club on Wednesday evening of this week, upon invitation of Maj. P. F. O'Keefe, to meet Secretary Young of the S. A. F., who is making a tour through the state in the interest of the national publicity campaign fund.

Both the wholesalers and retailers report an exceptionally good business for Memorial Day, while the plantmen were practically cleaned up of anything saleable. Welch Bros. Co. had one of the best days in recent years; B. A. Snyder & Co. worked late to fill their orders and H. M. Robinson & Co. had a large force on hand who were kept busy, not alone shipping cut flowers but also filling many orders for wax flowers as well, this concern having made a specialty of them.

ST. LOUIS.

The next meeting of the Florists' Club will be held on June 6th at Edwardsville, Ill.

Arthur Wors, second son of C. W. Wors, who is with the Canadian forces in France, has sent postcards from the front battle line to his St. Louis friends.

CHICAGO.

Mrs. Frank Ayers is recovering from a recent illness.

Mrs. A. L. Vaughan, who recently underwent an operation is doing nicely and her friends are glad to see her about again.

Frank Gorley of St. Louis, Mo., had a big wedding this week which made him a visitor to the Chicago market, where he found plenty of stock from which to make his selection.

Joseph Mendel, W. 18th street florist, has the sympathy of the trade in the loss of his wife, whose death occurred May 30th. Further notice will be found in the obituary columns.

John Enders, whose son, Clarence, is with the 33rd Division of the 122nd Field Artillery, under Col. Foreman, has a letter saying he is at Camp Merritt and will leave for France very soon.

A. L. Vaughan says the present state of the peony crop is most favorable for the local buyers, there being many first-class blooms coming in but too open for reshipping, and very attractive prices are being made on them.

A letter from Sam Cohen, formerly with Poehlmann Bros., but now stationed at San Francisco, says he is sergeant now, and expects to be sent "over there" very soon. Phil Weinberg, also with this firm, is leaving for Jefferson Barracks.

A. J. Tierney, proprietor of the West End Flower Shop, has been called to the service and is trying to dispose of his store. He should have left for Camp Wheeler, Macon, Ga., this week but has had an extension of thirty days granted him to close up the business.

If the home gardeners are not successful this year, it will not be from lack of opportunity to learn how to plant and care for their gardens, if lectures will make them efficient. There are demonstration beds at the various parks and at the University of Chicago where in addition to the lec-

Cambridge

New York



WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.

Cambridge, Mass.

tures people are shown just how to plant and care for their gardens.

That the soldiers abroad would not like to have the florists go out of business is evidenced by the orders that come for flowers for the ones left at home. This week Zech & Mann had an order from a soldier somewhere in France for flowers to be sent to his sweetheart in the west. Probably many appreciate as never before the opportunity of "saying it with flowers."

WASHINGTON, D. C.

A bill has been introduced into the House of Representatives by Congressman Sherley, of Kentucky, to make the American mountain laurel the National flower of the nation.

Consumers of coal are being urged to secure their next winter's supply now, and Fuel Administration officials declare that failure to take advantage of this opportunity may result disastrously later in the year. A warning has been sent broadcast that the early ordering of coal is not intended merely to give consumers a chance to make sure of their supply, but is part of a well-laid plan for the coming winter's fuel situation. State fuel administrators have been advised to induce their consumers to buy now, and the administrator for the State of Washington has but recently sent out the following warning: "In case there is a coal shortage next winter, the consumer who has storage space, or who could have provided for the storage of his coal and did not, will not be supplied until all booked orders have been filled, and then he will be obliged to take his chances."

PHILADELPHIA.

Clarence U. Liggitt, who has been on the sick list since May 20th, was reported better on June 1st and has gone to Atlantic City for recuperation.

Feels like summer. Water lilies from the Jersey ponds have made their appearance in the local flower markets. Also it is 92 in the shade and mighty sticky.

John G. Esler, of Saddle River, N. J., was a visitor this week, his special business being to look over the hail damage to the Battles greenhouses at Newtown Square on the 27th of May.

Among the judges who officiated at the great flower show in Lansdowne on the 5th inst. were Mrs. Drew Bear, Fred J. Michell, J. Otto Thilow and Samuel S. Pennock. Roses were the big feature.

George Anderson, of 52nd and Woodland avenue, who has been an invalid for the past two years, is reported about as usual and resting easy. John Burton and Dennis Connor, two of those who have paid a visit in the past week, say that he is cheerful and can walk a little farther. His place is for sale, as he does not intend to operate the plant further.

We hear that the Commodore will give his old cronies a dinner at his bungalow at Waretown on the 21st inst. The occasion is his regular annual anniversary—the third Friday of June—which has become now a historical event—this being the seventeenth year since he opened the bungalow on his six hundred acre farm on the west shore of Barnegat Bay. The writer is using his best guile just now when he meets the old gentleman. We hope to get an invitation, and you have got to be in big with the old salt if you are one of the favored few.

This is a sample of the word we get from the boys, all of whom we are proud of and admire their spirit:

"If I hadn't been here these past nine months (Anniston, Ala.), of my own free will, I'd have felt there was no true Scottish blood in me, and I'd have been ashamed to call myself a son of Jamse M. Thoires. No doubt by the time you receive this we will have left for overseas. It has been a wonderful experience and I have made many true friends."

That is one of the compensations of this world cataclysm. It gives the boys a great chance to develop. Hope they all get back safe.

Wm. Duckham, of the Duckham-Pierson Co., Madison, N. J., passed through our midst May 31 on his way

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ASTERS.

ASTERS—HENDERSON'S INVINCIBLE.
One of the finest for cut flowers. White, Shell Pink, Rose, Lavender and Purple. Strong plants. \$5.00 per 1000, cash. **BRILL CELERY GARDENS, Kalamazoo, Mich.**

BEGONIAS	Pots	100	1,000
Lorraine	2 1/4 in.	\$14.00	\$120.00
Cincinnati	2 1/4 in.	15.00	
Mrs. J. A. Peterson	2 1/4 in.	20.00	180.00
Melior	2 1/4 in.	20.00	

JULIUS ROEHR'S CO., Rutherford, N. J.

BULBS

C. KEUR & SONS, HILLEGOM, Holland.
Bulbs of all descriptions. Write for prices.
NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. **Pillsbury's Carnation Staple, 1000 for 35c.; 3000 for \$1.00 post-paid. I. L. PILLSBURY, Galesburg, Ill.**

CHRYSANTHEMUMS

FINE CLEAN STOCK OF BEST KINDS for Florists use. Send us list of wants. Catalogue free. **ELMER D. SMITH & CO., Adrian, Mich.**

CYCLAMEN

CYCLAMEN: In the following colors. Pure white, white with pink eye, pink, dark red, light red and salmon. 2 1/4-in. pots, \$8.00 per 100, \$75.00 per 1000; 3-in. pots, \$10.00 per 100, \$95.00 per 1000; 3 1/2-4-in. pots, \$20.00 per 100. If only salmon is ordered the price will be 20% higher. **JULIUS ROEHR'S CO., Rutherford, N. J.**

CYCLAMEN: Best strain of Cyclamen grown in 2 1/4-in. pots. Varieties, Salmon Pink, Light Pink, Blood Red, Bright Red, Pure White and White with Red Eye, at \$7.50 per hundred, or \$65.00 per thousand. Cyclamen Seedlings, from three to five leaves, \$5.00 per hundred, or \$40.00 per thousand. "Cash with order." **J. H. FIESSER, North Bergen, N. J.**

DAHLIAS

Peony Dahlia Mrs. Frederick Grinnell.
Stock For Sale.
JOHN P. ROONEY, New Bedford, Mass.

Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. **NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.**

New Paeony Dahlia—John Wanamaker, Newest, Handsomest, Best. New color, new form and new habit of growth. Big stock of best cut-flower varieties. Send list of wants to **PEACOCK DAHLIA FARMS, Berlin, N. J.**

home from Washington, D. C., where he had been at the graduation of his daughter, Gladys, from the National Park Seminary. Accompanying him in his automobile party were his wife and daughter, Misses Gwendoline Pierson and Madeline Green, and Mr. D. T. Pierson. Mr. Duckham stopped long enough with us to visit "the Kirk" and saw John Burton, John Westcott and other old timers. All glad to see him and bid him hail and wish him good luck on his way through the blossoming waysides of Pennsylvania and New Jersey on the flight to Madison.

Joliet, Ill.—The J. D. Thompson Carnation Company property is to be sold at auction June 1st.

GLASS

Greenhouse glass, lowest prices. **JOHN-STON GLASS CO., Hartford City, Ind.**

GOLD FISH

Gold fish, aquarium plants, snails, castles, globes, aquarium, fish goods, nets, etc., wholesale. **FRANKLIN BARRETT, Breeder, 4815 D St., Olney, Philadelphia, Pa.** Large breeding pairs for sale. Send for price list.

ORCHIDS

HASSALL & CO., Orchid Growers and Raisers, Southgate, London, England. Cattleyas and Laello-Cattleyas our specialty. One trial order solicited.

PEONIES

Peonies. The world's greatest collection, 1200 sorts. Send for list. **C. BETSCHER, Canal Dover, O.**

ROSES

ROSES, CANNAS AND SHRUBS.
THE CONARD & JONES COMPANY, WEST GROVE, PA.

SPHAGNUM MOSS

Live Sphagnum moss, orchid peat and orchid baskets always on hand. **LAGER & HURRELL, Summit, N. J.**

VEGETABLE PLANTS

FOR SALE—Tomato Plants, all leading varieties, 75c. per 100; \$3.00 per 500; \$5.00 per 1000. Danish Ball Head and Flat Dutch Cabbage Plants, per 100, 60c.; for 500, \$1.50; per 1000, \$2.00. The Tomato Plants are all transplanted stock. The Cabbage Plants are field-grown. Cash with order. **WEST SIDE CELERY CO., Portage, Mich.**

Golden Self-Blanching (French Strain). Also the grand new Easy Blanching, which is easy to grow, fine plants, ready for the field. \$2.00 per 1000, cash. **BRILL CELERY GARDENS, Kalamazoo, Mich.**

4,000,000 Cabbage, Cauliflower, Tomato and Celery plants. Field grown and potted. List free. **F. W. ROCHELLE & SONS, Chester, New Jersey.**

VINES

Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. **J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.**

WIRE WORK

WILLIAM E. HEILSCHER'S WIRE WORKS, 264 Randolph St., Detroit, Mich.

WANTS, FOR SALE, Etc.

HELP WANTED

WANTED: A man that is capable of taking charge of the watering of a large range of greenhouses. Apply in person or letter, with references, to **H. H. BARROWS & SON, No. 264 High St., Whitman, Mass.**

WANTED—Young man as assistant in park garden work. Address "J. J.," care **HORTICULTURE.**

WANTED—Assistant in greenhouses; general run of flowers, bedding plants, etc. Good pay for an industrious man. **H. L. CAMERON, North Cambridge, Mass.**

SITUATIONS WANTED

SITUATION WANTED as Head Gardener or Superintendent on private estate; life experience in all branches under glass and outside; good references. Nationality English, age 37, married. **J. F., care HORTICULTURE.**

PINO-LYPTOL

WEED KILLER

THE VERY NEWEST AND QUICKEST METHOD OF DESTROYING WEEDS, GRASS AND OTHER GROWTH IN GARDEN WALKS, GUTTERS, TENNIS COURTS, DRIVEWAYS, ETC.

This fluid absolutely destroys all weeds and other growth wherever applied, and its effect on the ground prevents the growth of fresh ones for a year and thus saves a great deal of time and labor, as no cutting, hoeing or hauling away of the weeds is required.

We manufacture the strongest line of DISINFECTANTS on the market

P.-L. CHEMICAL CO., 507-509 W. 19th St., New York

CORRESPONDENCE SOLICITED.

NEW YORK.

Walter Stuchemacher, bond salesman, 111 E. 11th St., has enlisted in the Naval Reserve.

The Court has given over the Neckar place, undertaker and florist, in Hoboken, and will sell it out.

Mr. Wynant, of the Pino Lyptol Chemical Co., intends making a trip to Newport and vicinity very shortly.

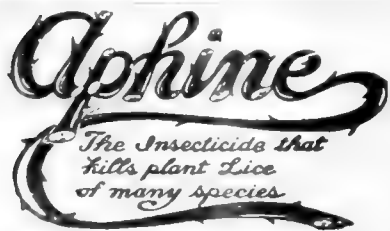
R. M. Jackson, formerly with Riedel & Myer, went to Fort Slocum on Tuesday, June 4. His brother, Herbert, also formerly with Mr. Riedel, went away last week in the service.

Suffolk County Fuel Administrator E. E. Hawkins, Jr., of Patchogue, has issued a proclamation calling upon owners of private greenhouses to make personal sacrifice in eliminating as far as possible the use of their greenhouses and conservatories during the coming winter.

CINCINNATI.

L. H. Kyrk had in some excellent delphinium last week. They were the first of the year in this market and sold readily.

C. J. Jones, of the Walnut Hills Floral Bazaar, donated the use of his store to the Red Cross on May 21st for a sale of flowers for the benefit of the Red Cross.



The Recognized Standard Insecticide. A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00; Gallon, \$2.50.

FUNGINE

For mildew, rust and other blights affecting flowers, fruits and vegetables.

Quart, \$1.00; Gallon, \$2.50.

VERMINE

For ear worms, apple worms and other worms working in fruit.

Quart, \$1.00; Gallon, \$2.50.

SOLD BY DEALERS.

Aphine Manufacturing Co
MADISON, N. J.

PITTSBURGH.

George Menschke has recently enlisted and accompanied by his father, Henry Menschke, left early last week for Philadelphia.

Neil Forsyth has taken charge of the J. P. McKinney grounds on Shady avenue. Recently Mr. Forsyth has been assisting Superintendent William Allen of Homewood Cemetery.

Mr. and Mrs. T. P. Langhans and daughter left on Friday night for an extended trip. They will visit their son, Oliver P. Langhans, who is in the Aero Construction Squadron service in Oregon.

Norman Gunn, who for the past five years has been assistant to Ernest Guter, gardener for Richard Beatty Mellon's estate, will now take charge of the West Homestead estate of George A. Mesta.

Howard J. Hook spent four days in town last week from his duties with the Ordnance Department in Baltimore, Md. Before enlisting, Mr. Hook was the auditor of the Pittsburgh Cut Flower Co.

Frank Luckenbacher, who is reconstructing the old Thaw estate, which has recently passed into the possession of Emil Winter, will contribute a paper on Roses, on June 18, before the Horticultural Society of Western Pennsylvania.

Saturday afternoon of last week was marked by a terrific hailstorm, which did considerable damage at Ba'herstown, the location of the Pittsburgh Cut Flower Company's greenhouses. Here was a loss of approximately \$8,000 through the breakage of about 10,000 lights of glass and damage to the carnation crops and all outdoor plants.

James J. Higgins, who will in another month open the Grand Flower Shop in the Grand Arcade of the Harry Davis Enterprise Company, already has his "work shop" just across the way pretty well equipped with a large cooling room, ribbon and basket rooms, etc. Already his staff of assistants includes William F. Holmes, formerly of Minneapolis, Minn., Arthur James, formerly in

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By M. G. KAINS

Lecturer on Horticulture, Columbia University

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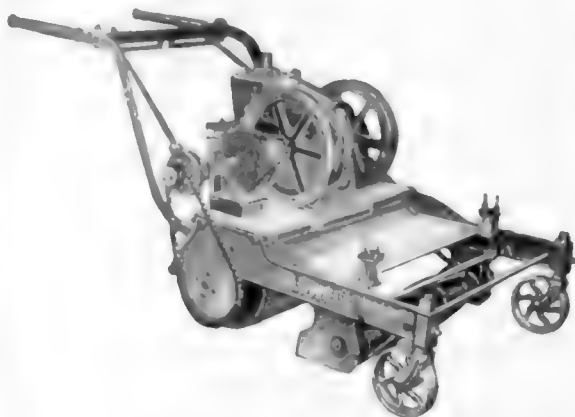
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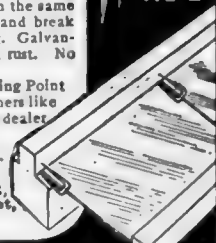
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JUNE 15, 1918

No. 24



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I came to this camp on May 29th and from the first was impressed with the magnitude and splendid efficiency of the Army system and officer personnel which makes things move along so speedily and with such attention to individuals and to details.

The old theory that when a man enters army life he becomes a "low-life" and so forth, has long since been exploded, and my days here already have convinced me definitely that this life cannot help but introduce improvements into the lives of every man who comes into it in the right spirit. Like civil life and a business career, a man gets from his stay in the army camps all that he is willing to get, or can be made to receive.

Rising at 5.15 in the morning, living outdoors most of the day, training the body and mind to strength, keenness, and efficiency, then to bed at 10 o'clock, a man feels that he is at last on the way to live the right kind of normal life. Absence of liquor, evil influences, introduction of high ideals of health, mental, physical and moral, and the inculcation of unselfishness, is bound to have its effect felt on future generations as well as the present.

Before I came here, and while I was working on *Garden Magazine*, and meeting most of the members of the allied horticultural trades, it was my feeling often, that in organization of effort, individual and collective, greater and more rapid progress could be made in building business, building a greater appreciation of horticulture into the hearts of our peoples, and increasing individual profit proportionately. It is proven that this is possible of accomplishment in many businesses which come quickly to our minds, like Henry Ford's automobile business, the National Cash Register Co., etc., but right here in this camp, where I am situated in the Depot Brigade, I can see how organization is accomplishing tremendous results rapidly with a bunch of men whose intellect, if I may be permitted to make the remark, does not average as high as that of the members of the various horticultural organizations.

My first thought is that you are all striving for the same thing in your business—ultimate success—and profit, if that is what you measure success by. I believe it was Emerson who said that "Success means to every man that thing for which he has the greatest desire." The trouble is that a good many in the trade

will not have confidence enough in their ideals to give the other fellow credit for playing the game on the square and so he injures the organization or mass ideal by neglecting his individual share in the work.

Here it is different. The individual is first made to realize that he as a unit is interdependent of every other man in the organization. He is quickly aware of the fact from daily observation and from having the thought visualized to him by his officers. He realizes that this war must be won, not for his personal benefit, but because the ideal for which we are striving is worthy of the greatest sacrifices possible of conception and realizing this, he sets about to make himself so efficient and strong (for it is in strength, mental, physical and moral, that any man or army is effective), so that he for his part can do all that is humanely possible; so that, totaled, the effectiveness of the American armies may be such as to swing the tide of complete and final victory of the Allied cause over the German autocracy, that "the world may be made safe for Democracy."

We are all undergoing a great and magnificent change these days. We are coming to a finer realization of values. Surely the men who are going forward and are already in the front lines fighting your battles for you will expect you to keep the home fires burning and take from these days all the lessons to which our intelligence directs our attention, that when they come back they may feel that you have done your share while they have been doing theirs.

We are all fighting for the same cause, soldier and civilian alike. We are all striving to accomplish a grand and noble ideal. Let us not allow our minds to be fuddled with selfish thoughts, negative actions, or worry, for all of these things can accomplish naught but defeat to us in our common cause.

Let you and every man who reads this, take unto himself these thoughts. There is no hurly-burly here. All is organization. That is what you and I are depending on for the lives of our peoples and the safety of our ideals. Then realize every one of you that only so far as you "carry on" your share of the job can the total effect be all that it should be.

If you are asked, or see an opportunity to co-operate in a campaign for ideals, be it bigger business or what not, ally yourself with it, and do your share.

Joseph J. Lane

Private, 2nd Co., 1st Battalion Depot Brigade.



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With receipt of a telegram from Wm. F. Gude, who is watching closely the interests of the Society of American Florists at the centre of governmental action, to the effect that "bulbs must remain on the restricted list for the time being." This looks very unpromising for this year's quota of bulbs from Holland and Japan. It has one advantage in that it gives us timely notice. Our growers can now go ahead and prepare as best they can to fill the gap in the plant and flower market which now seems unavoid-

able. The seed trade have claimed for some years past that there is no profit for them in the bulb trade, so they need not worry. The importing houses, making a specialty of bulbs will suffer most.

A change in plant material

At the recent hearing of florists and nurserymen before the Federal Horticultural Board at Washington, Dr. Fairchild called attention to changes likely to occur in future plant imports and in plant material used by florists and nurserymen. Dr. Fairchild thought that imports of many plants now brought from Europe would diminish and that in their place recent introductions of Mr. E. H. Wilson and other collectors would be used. We fully agree with Dr. Fairchild in this view. The difficulties incident to the War cannot fail to stimulate production of forcing material for florists in this country as well as material now imported by nurserymen for landscape planting, and there is no question that many plants heretofore included in such importations will be superseded by plants recently introduced from China and elsewhere as these introductions become more generally known and stock of them becomes available.

Specious advice

Former Attorney General Wickersham is quoted as saying "Business as usual means waste as usual." That is not necessarily so. It depends entirely upon what one regards as "waste." Money spent for so-called "luxuries" is not wasted; it is simply *circulated*. Another sophisticated writer of epigrams says: "Luxuries as usual means a victorious Germany. Save and buy War Saving Stamps." How can the florists, the theater people, the automobile people and other people proverbial for their liberality contribute money to War Stamps, Red Cross, or various other good purposes if you stop the money from reaching them? The Red Cross and the Liberty Loan lose nothing by allowing the money to pass first through the hands of these people but they certainly *must* lose by any course that will stop such concerns from doing business and making it impossible for them and their employees to give. The circulation of money is not necessarily "waste."

The Outlook

With but one-half his usual supply of fuel available to him for next winter, and that at a price almost prohibitive, the florist generally, has been contemplating the immediate future with more or less alarm. Quite recently, however, he seems to be coming to a calmer and more hopeful view of the situation. Many florists will run all their houses until Christmas stock is disposed of, after which half or more of each establishment may be closed until March, or perhaps carried along with crops requiring only low temperature. It will not be surprising if such flowers as antirrhinums, calendulas, clarkias, larkspurs, lupins, gilliflowers, mignonette and others requiring comparatively low temperature will be more plentiful in our market than heretofore. The grower should not shut his eyes to the obvious rule that supply governs price and that with reduced production prices will undoubtedly rule much higher; a market condition that will be greatly added to by the closing of so many private greenhouses and the consequent increase to the volume of trade from the owners who in other years had their own supply.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

THE PUBLICITY CAMPAIGN.

A well-known gentleman in the millionaire class and very prominent in New York Society, when dining out recently complimented his hostess upon the beauty of her table decoration. "Well," she said, "I do not know whether rightfully I should use flowers on my table. A good many people are eliminating flowers in their homes during war times, but when I read of the noble work the florists are doing, in spite of restrictions operating against them, I do not see why I should not have my flowers as usual."

And yet there are many among us who do not believe that our publicity for flowers campaign is effective. The fact must not be overlooked that we are getting a great deal of publicity through sources other than our magazine advertising. Our Promotion Bureau is meeting with success in many other directions, and it is safe to say that no opportunity is lost to exploit our slogan, "Say it with flowers."

Are you, as florists, using this slogan to the extent that you might? Were we to judge from the demand for our beautiful glass signs we would have to form the opinion that there were less than six hundred florists in the country. Is it realized that this sign properly displayed means business for those who display it? Isn't it helpful to help one's self? It is hard to conclude that there are thousands of supposedly up-to-date florist stores which are not using this sign—a little trade bringer that pays its cost in a single day.

Then think of our other aids—lantern slides for the movies which are handsome enough to hold the attention of any one with a normal soul, which cost a mere song, and which any motion picture theatre will project for you at a trifling charge; booklets which treat of flowers in a manner calculated to make the desire to possess our products almost irresistible; electrotypes for use in your local newspapers which save you the trouble of preparing good copy yourselves; stickers bearing our slogan which you can affix to anything you send out; and the slogan in transpar-

ency form which you can transfer to your store windows and doors, and also use on the wind shields of your automobiles.

It is expected of all in the trade that they lend a hand in this promotion work—make it general. And can we not urge you, Mr. Nonsubscriber, to get in line with your fellows. Watch our lists of subscriptions that the trade papers so generously publish for us, and ask yourself why your name is not there. Don't be pessimistic in your views. Remember the fate of the farmer who feared to sow his corn because of the crows—he starved to death!

Annually for Four Years E. Winkler, Wakefield, Mass., \$2; John Dieckman, Elm Grove W. Va., \$15; Bertermann Bros. Co., Indianapolis, Ind., \$50; Eliz. Palmer Carney, Quincy, Mass., \$5; E. E. Hall, Clyde, Ohio, \$2; H. L. Thompson, New Brighton, Pa., \$10; W. W. Kennedy & Sons, Red Bank, N. J., \$25; Wild Bros. Nursery Co., Sarexie, Mo., \$5; Oscar S. Magnuson, Kane, Pa., \$5; A. T. Stokes, Morristown, N. J., \$10; William Sorenson, Murray, Utah, \$15; William Nause, Hugenot Park, Staten Island, N. Y., \$20; Abele Bros., New Orleans, La., \$5; H. S. Caplan, Boston, Mass., \$10; F. E. Palmer, Brookline, Mass., \$25; A. B. Rogers, Allston, Mass., \$5; Fottler, Fiske, Rawson Co., Boston, Mass., \$25; Liebman & Robbins, Boston, Mass., \$5; Max Fine, Boston, Mass., \$5; Frank Howard, Cambridge, Mass., \$5; Fred C. Becker, Cambridge, Mass., \$25; Harry Quint, Boston, Mass., \$25; W. A. Hastings, Boston, Mass., \$5; John A. Nelson, Framingham, Mass., \$10; Alfred Walsh, Boston, Mass., \$2; Chas. Bean, Springfield, Mass., \$2; John J. O'Brien, Boston, Mass., \$10; N. Liebman, Boston, Mass., \$10; A. Coplen, Boston, Mass., \$5; Nathan Lerner, Boston, Mass., \$5; Ed. J. Rokean, Boston, Mass., \$1; J. S. Manter, Boston, Mass., \$1; Chas. T. Beasley, East Milton, Mass., \$10; R. E. Wadsworth & Co., Northboro, Mass., \$5; Wm. N. Craig, Brookline, Mass., \$10; Wm. Hannon & Son, Dorchester, Mass., \$10; Westminster Greenhouses, Providence, R. I., \$10; Wm. A. Bowers, Providence, R. I., \$10; Johnston Bros., Providence, R. I., \$25; T. O'Connor, Providence, R. I., \$25; T. J. Johnston & Co., Providence, R. I., \$25; Eugene McCarron, Providence, R. I., \$10; M. J. Leach & Son Corp., Pawtucket, R. I., \$20; Fred K. C. Hoffman, Pawtucket, R. I., \$10; Hayden Watson Co., Florists, Inc., Tacoma, Wash., \$20; California Florists, Tacoma, Wash., \$20; A. A. Hinze, Tacoma, Wash., \$10; Smith Floral Co., Tacoma, Wash., \$10; Acme Floral Co., Tacoma, Wash., \$5; Ben Betton, Tacoma, Wash., \$5; Henry Reuthen, Tacoma, Wash., \$5.
For One Year—Mrs. A. B. Merrill, Brookline, Mass., \$25; Boston Cut Flower Co., Boston, Mass., \$5.
Total, \$625.00. Previously reported from all sources, \$34,766.75. Grand total, \$35,391.75.

JOHN YOUNG, Secy.

1170 Broadway, New York.

EXPRESS YOUR PERSONALITY.

How many florists throughout the United States and Canada have felt the personality and prestige of our National Campaign backed up with the S. A. F.

Just consider our business as a whole before the campaign and since it started. Do you think with the present war conditions during the past year that if we had not started the campaign and also the optimism to keep maintaining same we would have held our equilibrium, or would we have drifted backward?

Have you felt the personality the campaign has injected into the florist business as a whole compared to the manner you would have felt if we had never entered the publicity field? Has it increased your desire to keep up the ideals so as to make further progress when times may become normal again, if so, we will have started the pendulum of publicity going for all time.

How proud must be those members who have participated in this our first campaign to be a part of what has already proven one of the most original publicity campaigns headed by the wonderful slogan adopted, "Say It With Flowers."

To think of what we have accomplished, nationally, with so little expense is nothing short of wonderment. Some of the ablest advertising men of the country have already commented on our campaign by mentioning the possibilities in store for us if we continue.

Express your personality by sending in your subscription now so that the campaign will have the continued support of the craft who have the "finest" product on earth to sell and yet have failed to let 100,000,000 people know about it.

HENRY PENN.

(Chairman, National Publicity Campaign.)

"PLEASE OMIT FLOWERS."

A grim order it seems to us
But must we humbly obey;
Do as we're bid and make no fuss
Or dare we to have a say?

Sweet flowers shall we not give a friend
To help to assuage their grief,
No lovely floral to token send
To give, bereaved one, relief?

Persistently the flowers bloom on
They have no part in the strife,
'Tis theirs to bloom, and smile upon
Mankind all throughout their life.

Cancel the order narrow friend
Flowers will help to win the war,
Just as of yore sweet tokens receive or send
'Tis the better way by far

ALEXANDER MACLELLAN

Newport, R. I., June 5, 1918

AMERICAN PEONY SOCIETY

The Fifth Annual American Peony Show was staged in a tent erected on the site of the Peony Society tent at the Public Square, Cleveland, Ohio, under the auspices of the Cleveland Club, which maintains a large clubhouse in Cleveland for the accommodation of soldiers and sailors temporarily located here. The experiment of staging in a tent turned out better than some of the exhibitors feared; fortunately the weather was cloudy most of the time so that the bulk of the peony bloom remained in fairly good condition through the two days of the show.

Some of the best exhibits were staged by B. H. Farr, Wyomissing, Pennsylvania; G. B. Babcock, Jamestown, New York; Martin Kohankie, Painesville, Ohio; Knoble Brothers, Cleveland; C. Betscher, Dover, Ohio, besides a number of amateurs, including Lee R. Bonnewitz, of Van Wert, Ohio; Edwin C. Shaw, Akron, Ohio; O. A. Risk, Cleveland; Will McClelland, Saginaw, Michigan; A. P. Saunders, Clinton, New York, and others, all of whose names are to be found in the list of awards given below.

The most sensational feature of the show was the staging of a new seedling by E. J. Shaylor, of Auburndale, which was awarded Mrs. Edward Harding's prize of \$100.00. This prize, which was given to the Peony Society three years ago, was given under the condition that if not taken within five years it should be returned to the donor. Mr. Shaylor unfortunately could not be present to see the success of his production. The blooms were sent on by A. H. Fewkes, and, after a few hours in water, came up in magnificent form. The flower, which goes under the Number 35, and is so far nameless, is an immense white of very strong growth with large leathery foliage, the bloom something after the style of "Le Cygne," the famous Lemoine white. The judges unqualifiedly recommended it to the Nomenclature Committee of the society, who, under the conditions of the award, had the final decision, and they unanimously agreed to award the prize.

Some of the local people made very effective displays of peonies and other perennials. Messrs. Knoble Brothers, Cleveland, S. P. Baldwin, Gates Mill, and Mr. Kohankie of Painesville, all set up effective groups of flowers. In the large classes, those for 100 varieties, Mr. Farr's exhibit easily took first place. The blooms

were wonderfully uniform in quality, and most of them were shown in very perfect form. Lee R. Bonnewitz, one amateur, also came into this class with a fine exhibit, and Mr. Babcock, Jamestown, staged a very interesting group of flowers, including a number of Mr. Brand's seedlings and other novelties. There was an interesting group of Japanese and singles which directed a great deal of attention from the visitors and lasted surprisingly well through the show.

It was quite a gathering of peony notabilities. Mr. Boyd, president of the society, Mr. Farr, and others of the eastern growers, as well as Mr. Brand of Faribault, Minnesota, Mr. Ruff of St. Paul, and other representatives of the western group. The meeting of the Peony Society was held after a banquet at the Hotel Hollenden on the evening of the first day of the show. The attendance was better than usual, and a very sociable atmosphere pervaded the proceedings. The following officers were elected: President, James Boyd, Philadelphia, Pa.; vice-president, A. H. Fewkes, Newton Highlands, Mass.; secretary, A. P. Saunders, Clinton, New York; treasurer, A. H. Scott, Oak Lane, Pa.; director to serve for three years, R. T. Brown, Queens, L. I., N. Y.

In recognition of his services to peony culture in America, both as a pioneer in the introduction of fine varieties from England and France, and now, in his later years, as a creator of fine seedlings of his own, honorary membership in the society was conferred upon Mr. Shaylor.

It was voted to continue the publication of the News Bulletins which have now been issued twice yearly for three years, and have proved of wide interest to peony growers throughout the country. The question of canceling the meetings of the society for the duration of the war was taken up, and it was the sentiment of those present that no objection could be made to a society so small as the Peony Society, and for which so little transportation is needed in connection with the exhibitions, continuing to hold its regular meetings. Several localities were discussed, and it is hoped that it will be possible to arrange to hold the meeting in some centrally located city, possibly Detroit or Rochester.

The thanks of the society were extended to their hosts, the Ohio Horticultural Society, the Florists' Club of

Cleveland and the Cleveland Garden Club, and, in particular, to Messrs. Knoble, Vinson and Baldwin, who constituted the local committee, and to whose unsparring energy the success of the show is mainly due. All the members of the Peony Society who had come from a distance felt more than repaid in the delight and interest afforded by the superb and representative display of blooms, as well as by the opportunity of meeting their brother enthusiasts.

List of Awards.

The schedule of prizes and awards is as follows:

Collection, 100 varieties—Bertrand H. Farr, Wyomissing, Pa., Gold Medal and 1st prize; Lee R. Bonnewitz, Van Wert, Ohio, 2nd; G. B. Babcock, Jamestown, N. Y., 3rd.

Vase or basket, 100 blooms—Knoble Brothers, Cleveland, Ohio, 1st; Martin Kohankie, Painesville, Ohio, 2nd.

Collection, 25 varieties—Bertrand H. Farr, 1st; C. Betscher, Dover, Ohio, 2nd.

Collection, single varieties—A. P. Saunders, Clinton, N. Y., 1st; G. B. Babcock, 2nd.

Collection, Japanese varieties—Bertrand H. Farr, 1st; G. B. Babcock, 2nd.

25 white—Knoble Brothers, 1st; C. Betscher, Dover, Ohio, 2nd.

25 light pink—G. B. Babcock, 1st; Lee R. Bonnewitz, 2nd.

25 dark pink—Bertrand H. Farr, 1st; Knoble Brothers, 2nd.

25 red—Bertrand H. Farr, 1st; G. B. Babcock, 2nd.

6 double—Bertrand H. Farr, 1st; Lee R. Bonnewitz, 2nd.

Specimen bloom—Bertrand H. Farr, 1st; A. P. Saunders, 2nd.

Specimen bloom, new variety—C. Betscher.

Specimen bloom, American seedling—A. P. Saunders.

Mrs. Edw. Harding prize—E. J. Shaylor, Auburndale, Mass.

Vase, 6 blooms—"Galathee", Bertrand H. Farr, 1st; "Immortelle", A. P. Saunders, 2nd.

Artistic vase, bowl or basket—Martin Kohankie, silver medal; Knoble Brothers, bronze medal.

Collection, 50 varieties—A. P. Saunders, 1st; Lee R. Bonnewitz, 2nd.

10 varieties—A. P. Saunders, 1st; Lee R. Bonnewitz, 2nd.

15 doubles—O. A. Risk, Cleveland, Ohio, 1st; Lee R. Bonnewitz, 2nd.

Collection, Jap. vars.—A. P. Saunders, 2nd.

Collection, white vars.—A. P. Saunders, 1st; Lee R. Bonnewitz, 2nd.

Collection, light pink—A. P. Saunders, 1st; Lee R. Bonnewitz, 2nd.

Collection, dark pink—Lee R. Bonnewitz, 1st; A. P. Saunders, 2nd.

Collection, red—A. P. Saunders, 1st; Will McClelland, Saginaw, Mich., 2nd.

3 white—S. J. Berry, Cleveland, Ohio, 1st; Alice Bonnewitz, Van Wert, Ohio, 2nd.

3 light pink—Alice Bonnewitz, 3rd.

3 dark—Alice Bonnewitz, 2nd.

3 red—S. J. Berry, 3rd.

6 species outdoor flowers—S. J. Berry, 2nd.

The judges were A. H. Fewkes, John Van Leeuwen and A. M. Brand.

A. P. SAUNDERS.

CLUBS AND SOCIETIES

AMERICAN ROSE SOCIETY.

The Washington Rose Test Garden.

On May 27th we stood on a new road looking over level sloping land. In the background was Arlington Heights with the Custis Mansion, the one-time home of Robert E. Lee, showing through the trees; the National Cemetery with its thousands of graves hidden by the trees; the great skeleton frame towers for the wireless telegraphy at Fort Meyers; a white marble government building standing out above the trees; and between this ridge and the road was the rose test garden—all a picture of beauty.

The garden is enclosed with a plain wire fence; there are pathways between the sections, high trellises with climbing roses, many in bloom, beds of various varieties splendid with color. During the three years of work the men in charge certainly have done well. Mr. Mulford, neau gardener, and Prof. G. C. Corbett, and others, deserve much credit. The committee of the American Rose Society for this test garden, Robert Pyle, chairman, has looked after its part well.

The large new greenhouses and other structures are a marked change over the Virginia clay roads and fields which we looked at four years ago when some of the autos in which we rode churned up the wet clay and stood still, and the party had a taste of Virginia mud which was a new adventure to some. But the time is near when the Washington Rose Test Garden will be one of the many attractions of the Capitol City of the Nation. "A rose for every home, a bush for every garden."

BENJAMIN HAMMOND.

Pres. Am. Rose Soc.

Beacon, N. Y.

The Hartford Garden Exhibit

The Hartford Garden Exhibit of the American Rose Society will be held in Elizabeth Park, Hartford, Conn., at 1.30 on June 20. The local committee, consisting of Wallace R. Pierson, Cromwell, Conn., John F. Huss, Hartford, Conn., and Alexander Cumming, Jr., Cromwell, Conn., has made plans for a most enjoyable occasion. The Elizabeth Park Rose Test Garden is the oldest and one of the best in the

Meetings Next Week

Monday, June 17.

Detroit Florists' Club, Bemb Floral Hall, Detroit, Mich.
Houston Florists' Club, Chamber of Commerce Rooms, Houston, Tex.
New Jersey Floricultural Society, Orange, N. J.
New York Federation of Horticultural Societies and Floral Clubs, 1170 Broadway, New York City.

Tuesday, June 18.

Gardeners' and Florists' Club of Boston, Horticultural Hall, Boston, Mass.
Gardeners' and Florists' Club of Ontario, St. George's Hall, Toronto, Can.
Minnesota State Florists' Association, Minneapolis, Minn.
Pennsylvania Horticultural Society, Griffith Hall, Philadelphia, Pa.

Wednesday, June 19.

Rhode Island Horticultural Society, Public Library, Providence, R. I.
Tarrytown Horticultural Society, Tarrytown, N. Y.

Thursday, June 20.

Essex County Florists' Club, Krueger Auditorium, Newark, N. J.
New Orleans Horticultural Society, Association of Commerce Bldg., New Orleans, La.
North Westchester County Horticultural Society, Mt. Kisco, N. Y.
Tacoma Florists' Association, Macabee Hall, Tacoma, Wash.

Friday, June 21

North Shore Horticultural Society, Manchester, Mass.

Saturday, June 22

Dobbs Ferry Gardeners' Association, Dobbs Ferry, N. Y.

United States and a visit to this garden will be a rare treat to all rosarians. In addition to an inspection of the garden an interesting program has been prepared and the speakers will be some of the best known American authorities on roses and rose culture. If enough of the members of the American Rose Society remain over night, an interesting trip will be arranged covering the Hartford parks. As the hotels are crowded, those members expecting to remain over night should notify George Lane, 180 Asylum street, Hartford, Conn., who will see that hotel accommodations are reserved. Such notices should reach Mr. Lane before Saturday night, June 15, or early Monday morning. All the Hartford incoming trains on Saturday morning will be met and the members conveyed to the gardens. Members of the American Rose Society in the East should attend and bring their friends and everyone should unite to make this meeting one of the big events in the annals of the American Rose Society.

E. A. WHITE, Secretary.

GARDENERS' & FLORISTS' CLUB OF BOSTON.

Field Day at Milton.

A perfect June day favored those who made the trip to the N. T. Kidder estate, Milton, on Saturday afternoon, and there were nearly one hundred in the party, one-third of whom were ladies. Autos were kindly furnished to convey passengers to and from Milton Lower Mills, the nearest car-line point. Some preferred to walk the distance the better to enjoy the wide and enchanting views. A refreshing shower the previous day had given parched vegetation a new lease of life, and the extensive and choice collection of herbaceous perennials and rock plants came in for much attention. Pentstemon, coeruleus, Gypsophila repens, Clematis Davidiana, Geum coccineum Mrs. Bradshaw, aquilegias, delphiniums, peonies, dianthus, lupins and numerous other varieties, many of them new and rare, were in bloom. There were not a few blanks, mute testimony of winter's severity. Some grand masses of rhododendrons and azaleas were just passing out of bloom. These had wintered well, but hemlocks, boxes, cotton-easters, hypericums, althaeas, rambler roses and not a few others were partially or entirely killed. The collection of shrubs here is a choice one, and some anomalies were noted in the practically killing out of supposedly iron-clad plants, and others classed as tender were not harmed at all. A beautiful specimen of *Salisburia adiantifolia* of large proportions brought praise from everyone.

The greenhouses contain a collection of plants such as can be found in but few gardens. Many are hard-wooded, and others are unknown to the great majority of present day gardeners and florists. *Statice*, *rondeletias*, *ixoras*, *dipladenias*, *aphelexis*, *goldfussias*, *diosmas*, *epacris*, and many others, the mere sight of which brought back fragrant memories of long ago to some of the visitors. There were also orchids in variety and a general assortment of fine foliaged plants, while soft-wooded subjects and vegetables were not by any means omitted.

Mr. Kidder has been for many years a keen horticulturist, and is a past president of the Massachusetts Horticultural Society. He both knows and loves his plants, and for over thirty years has had the benefit of labors and

Experience of one of New England's best plant craftsmen, William Martin, who still looks as hale and fresh as those who are twenty years his junior. As areas go today, Mr. Kidder's gardens are less extensive than some others, but their layout with pleasant grass walks, pergolas and other features could hardly be improved upon.

Everyone spent a happy and profitable afternoon, and before leaving President Rogers thanked Mr. Kidder for giving them the opportunity to visit his estate, who in turn expressed the pleasure it had given him to have the club members visit him, and he hoped all would come again.

NEW YORK FLORISTS' CLUB.

The meeting last Monday evening was lightly attended, probably on account of stormy weather. The principal subjects under consideration were the coal restrictions and outlook, the proposed prohibition of plant importations, the embargo on Japanese shipments and various matters of local interest. Messrs. F. R. Pierson, Patrick O'Mara, C. H. Totty, Winfred Rolker and W. H. Siebrecht, Jr., were the principal speakers. A resolution of thanks to W. F. Gude was passed for his splendid help to the S. A. F. committee. Messrs. Pierson, O'Mara, Siebrecht and Rolker were constituted a committee to draw up a letter protesting against the exclusion of Holland shipments. J. S. Fenrich reported for the committee on flower distribution to the hospitals. The death of Mrs. Darlington was announced and much deplored, also the death of President Schenck's nephew. A vote was passed for a Club Service Flag. P. W. Popp showed long-spurred hybrid Columbines and Karl Druschki roses for which he got honorable mention and a cultural certificate.

FLORISTS' CLUB OF WASHINGTON

The June meeting of the Florists' Club of Washington, D. C., took the form of a ladies' night and the members and their families journeyed in automobiles to Suitland Park, Maryland, for a "Pie Feast." A large number of pies were sent to the park by Mendel Behrend, a member of the club, together with plenty of milk "to wash down the crumbs." Additional refreshments were also served.

The grounds were strung with Japanese lanterns and made attractive by the West brothers who are located there. That the members enjoyed every minute of the evening was evidenced by the fact that they decided to close their stores at noon on July 4th and go back to Suitland Park for a family outing.

TARRYTOWN HORTICULTURAL SOCIETY

The Annual June Exhibition of the Tarrytown Horticultural Society was held June 11 in the gymnasium of the Young Men's Christian Association building. Owing to the very unfavorable weather the week preceding the show, particularly on Monday, stock was so damaged by the heavy rain that many intending exhibitors failed to exhibit. While there were not so many exhibits as usual, they were of good quality. At the close of the exhibition the flowers were sold for the benefit of the local Red Cross.

The following special prizes were awarded:

Certificate of Merit, John D. Rockefeller (George Wittlinger, gard.), specimen *Goniophlebium subauricatum*; cultural certificate, James W. Smith, cut perennials; cultural certificate, Estate of Ferd. Herman, herbaceous flowers, roses, etc.; cultural certificate, Sleepy Hollow Cemetery, cut Sweet William; cultural certificate, John D. Rockefeller, cut hardy perennials.

Other prizes awarded were as follows:

First, John D. Rockefeller, best collection of flowers cut from hardy perennials.

First, Mrs. J. B. Trevor, Yonkers (Howard Nichols, manager), best two quarts of strawberries.

First, Dr. C. C. Brace (George McIntosh, gard.), best quart of strawberries; second, D. E. Oppenheimer (A. Macdonald, gard.).

First, Dr. C. C. Brace, best twelve Frau Karl Druschki roses; second, Estate of Ferd. Hermann; third, John D. Rockefeller.

First, D. E. Oppenheimer, best twelve vases of sweet peas, 25 sprays each; second, Mrs. J. B. Trevor.

First, John D. Rockefeller, best vase 50 sprays mixed sweet peas; second, Dr. L. H. Baekland (gard. James Caselli).

First, Dr. C. C. Brace, best three varieties of peonies.

First, John D. Rockefeller, best four varieties of peonies, three blooms each.

First, Mrs. J. B. Trevor best collection twelve varieties of vegetables, twelve species.

First, Dr. C. C. Brace, best collection six varieties of vegetables, six species; second, Miss E. W. Frothingham (Michael Crehan, gard.).

First, John D. Rockefeller, vase of outdoor-grown blue flower, one variety.

The judges of the exhibits were George Middleton, Tarrytown; William C. Roberts, Ossining; and Henry Kastberg, Dobbs Ferry.

STAMFORD (CONN.) HORTICULTURAL SOCIETY.

There was the usual large attendance present at the meeting of the above society, held on June 7th.

It was decided to hold an outing in conjunction with the Greenwich and Tarrytown societies, time and place to

be announced later. The preliminary schedule for our mid-summer show was approved, which will be held on July 5th, at 2 p. m., and will be free to the public.

The judges made the following awards:

A. Allus, vase of roses Frau Karl Druschki, highly commended; strawberries Chesapeake, honorable mention; Delphinium Bella donna seedlings, cultural certificate. A. P. Wezel, carnations, honorable mention; Hydrangea General Vicount de Vibraye, cultural certificate. J. Foster, Carter's Sunrise Tomato, honorable mention. A. Wynne, lettuce, highly commended. A. Pederson, collection of pansies, honorable mention.

A. P. WEZEL, Cor. Sec.

Noroton, Conn.

CHICAGO FLORISTS' CLUB.

The regular June meeting of the Chicago Florists' Club was held at the Randolph Hotel, Randolph and Wells streets, June 6th. President Lautenschlager was out of the city and Vice-President O. J. Friedman, presided.

The plan for having the principal business of the meeting to be informal talks by representatives of all branches of the trade worked out well and was participated in by Walter Amling and Peter Pearson in behalf of the growers; O. J. Friedman, for the retailers, C. John Michaelson for the commission men and T. E. Waters for the supply houses. So much interest was evinced and so many good points brought out that it was decided to continue the discussion at the next meeting.

As the July meeting day falls upon the 4th it was voted to hold it on the 18th at Karthausers Grove.

E. Ollinger was appointed chairman of a committee to arrange for a flower sale for the benefit of the Y. M. C. A. in the near future.

It was voted that chairmen and members of committees should hereafter receive no compensation for their services otherwise than the thanks and appreciation of the club.

It was also voted to dispense with the annual picnic this year.

The following were elected to membership: Louis Meurat, Park Ridge, Ill.; J. C. Nielson, 654 S. Sangamon St.; John Prickett, Des Plaines, Ill.; Emil Danz, 1611 W. Lake St.; Thos. D. Long, 31 W. Randolph St.; Harry Blewitt, Des Plaines, Ill.

The secretary was instructed to send a telegram of sympathy, in behalf of the club, to H. E. Philpott, whose recent bereavement in the death of Mrs. Philpott was reported.

Vaughan's seed store had a fine exhibit of iris and peonies.

INTERNATIONAL FLOWER SHOW, 1919.

A meeting of the joint committee of the Horticultural Society of New York and the New York Florists' Club was held on Saturday, June 8th, by invitation of Mr. T. A. Havemeyer at his beautiful estate at Brookville, L. I. The members were escorted through the extensive grounds by Mr. Havemeyer and the horticultural treasures of the place were inspected with great interest. Unfortunately, the lilacs had passed, and the large plantings of peonies and roses had suffered severely through storms. There was, however, a fine display of the giant eremuri, an unusual exhibition for many of the visitors. The many rare shrubs and plants in the different collections commands the attention which, of course, was to be expected of them. The developments in Nature gardening which have been in progress during the last few years were a revelation to all of the landscapist's fine work.

The business of the meeting, which was held in the Havemeyer residence, was the organization of the 1919 Flower Show Committee. There were present, besides Mr. Havemeyer, F. R. Pierson, Wallace R. Pierson, C. H. Totty, W. H. Duckham, Joseph A. Manda, Edw. Sceery, James Stuart, P. W. Popp, George V. Nash, W. H. Siebrecht, Sr., A. L. Miller, John Scheepers, F. L. Atkins, and John Young. Election of officers resulted as follows: Theodore A. Havemeyer, chairman; John Young, secretary, and F. R. Newbold, treasurer. A resolution was passed instructing the secretary to communicate with the International Exposition Co., citing conditions as they exist at present among commercial growers and owners of private places in regard to restrictions placed upon their supplies of coal for greenhouse consumption, and notifying the company that under the circumstances it would be most unwise at this date to decide upon the question of holding a show next year, but that a meeting of the committee would be held in the fall, and if conditions at that time were changed for the better, a definite decision would be announced by November 1st whether the show would be held.

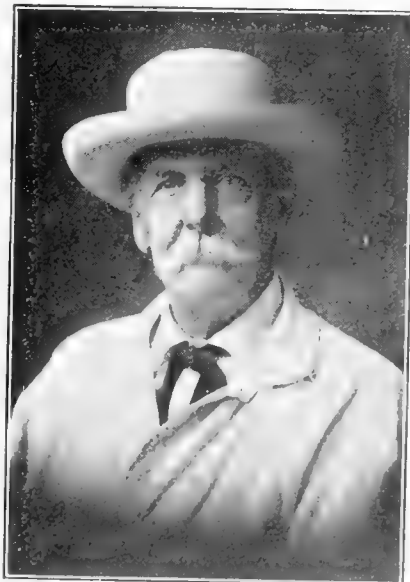
Mrs. Havemeyer was a delightful hostess and assisted Mr. Havemeyer in serving luncheon. A hearty vote of thanks was tendered to host and hostess for the day's enjoyment.

On the return trip the committee visited "Willowmere," at Roslyn, the home of Admiral and Mrs. Aaron Ward, where they were cordially en-

tertained, and enjoyed an inspection of the Admiral's famous rose garden.

JOHN YOUNG, Secy.

E. J. SHAYLOR.



We have here the portrait of the man about whom everybody in peonydom is talking today, E. J. Shaylor, of Wellesley Hills, Mass. Mr. Shaylor has not surprised us by capturing the premier prize in the exhibition of the American Peony Society at Cleveland

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Negotiations are pending with four prospects for the purchase of the Berckmans Nurseries, yet as Receiver for the Company I feel that this opportunity to acquire an established nursery should be brought before the greatest number of people before closing with any.

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AMERICAN SEED TRADE ASSOCIATION.

The Twenty-Ninth Annual Convention of the American Seed Trade Association will take place on July 18, 19 and 20, at Chicago. The program is an



F. W. BOLGIANO

interesting one and no doubt the meetings will find plenty to occupy their time, among the many vital questions which are brought up as results of the world war.

ONION SEED PROSPECTS.

We have just received the following letter. We publish it for what it is worth without further comment except that it appears to us that perhaps the situation is not quite as bad as Mr. Varela seems to regard it.

The question of transporting the Bermuda onion seed is almost impossible, due to the action of German submarines. The last Spanish mail boat to New York was held up by one of them, and the commander notified the captain of the steamer that she was carrying sufficient contraband to

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justify their sinking the ship, but, eventually, allowed her to proceed on her way to the U. S. The Spanish mail company has decided, ad interim, to stop further sailings to Cuba and America, unless they are sure that they will have nothing to fear from German submarines.

Last year under less aggravating conditions, your Secretary of Agriculture, Mr. Houston, promised Congressman for Texas, Mr. Garner, "...that the onion seed from Teneriffe would be forthcoming as usual, even if it were necessary to send warships to bring it over." The moment has arrived when this patriotic decision of Secretary Houston is to be put into effect, and I request you to kindly send an appeal to your Congressman and Senator, supporting all the petitions that are now being made from Texas and elsewhere, in order to obtain from the Government of the United States, to send a small submarine catcher, detached from the American Navy in European waters, to transport the onion seed from Teneriffe, not later than the 5th to 10th of August next. Onion seed crop is estimated this year at 80,000 lbs. less than in 1917.

I need not dwell upon the far-reaching consequences to millions of Americans, directly and indirectly depending on this trade every year; the fact that the people of the United States would be without onions from March to July, 1919, and that the non-shipment of the seed this year to U. S. would mean ruin to thousands of people in Teneriffe. I trust you will kindly second all the efforts that are being made by seedsmen, dealers, onion growers and others, both privately and from the columns of your paper, and thanking you in advance.

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JACQUES L. de VILMORIN

breeding and crossing. Being in a position to avail himself of the observations and collections of his father, he will, in future, pay particular attention to the scientific part of the business and we may be sure, follow the paths of his ancestors. His younger brother, who has not yet ended his studies, is an officer in the French Army on the front.

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**IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.**

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON June 13		ST. LOUIS June 10		PHILA. June 10	
Roses						
Am. Beauty, Special	15.00	to 25.00	to 25.00	to 40.00	35.00	to 40.00
" " Fancy and Extra	8.00	to 10.00	25.00	to 30.00	25.00	to 30.00
" " No. 1 and culls	1.00	to 6.00	0.00	to 10.00	4.00	to 10.00
Russell, Euler, Mock	1.00	to 5.00	3.00	to 12.00	3.00	to 10.00
Hadley	1.00	to 8.00	to 10.00	to 10.00	3.00	to 10.00
Arenberg, Hoosier Beauty	1.00	to 6.00	3.00	to 5.00	2.00	to 8.00
Ward	1.00	to 6.00	2.00	to 4.00	2.00	to 6.00
Killarney, Radiance, Taft	1.00	to 6.00	3.00	to 6.00	1.00	to 8.00
Ophelia, Sunburst, Hillingdon	.50	to 6.00	2.00	to 6.00	2.00	to 8.00
Carnations	1.00	to 2.00	1.00	to 2.00	1.00	to 3.00
Cattleyas	to 25.00	to 50.00	to 50.00	to 75.00	60.00	to 75.00
Lilies, Longiflorum	4.00	to 8.00	10.00	to 12.00	6.00	to 8.00
Lilies, Speciosum	2.00	to 6.00	to 10.00	to 10.00	3.00	to 6.00
Iris	to 10.00	to 10.00	to 10.00	to 10.00	to 10.00	to 10.00
Callas	6.00	to 10.00	10.00	to 12.00	to 10.00	to 8.00
Lily of the Valley	1.00	to 10.00	4.00	to 5.00	6.00	to 8.00
Snappdragon	2.00	to 6.00	3.00	to 6.00	1.00	to 3.00
Gladioli	2.00	to 4.00	to 10.00	to 10.00	4.00	to 8.00
Panics	.25	to .50	to 10.00	to 10.00	to 10.00	to 10.00
Peonies	1.00	to 0.00	2.00	to 4.00	2.00	to 5.00
Calendula	.50	to 1.00	to 10.00	to 10.00	to 10.00	to 10.00
Stocks	1.00	to 3.00	2.00	to 3.00	to 10.00	to 10.00
Mignonette	1.00	to 2.00	to 10.00	to 10.00	to 10.00	to 10.00
Sweet Peas	.75	to 1.50	.30	to .40	.40	to .75
Marguerites	1.00	to 2.00	1.00	to 2.00	.50	to 1.00
Gardenias	1.00	to 20.00	.75	to 3.00	to 10.00	to 10.00
Adiantum	1.00	to 1.25	to 1.00	to 1.00	.75	to 1.00
Smilax	2.00	to 40.00	12.50	to 15.00	to 10.00	to 10.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	25.00	to 50.00	25.00	to 50.00

WILLIAM F. KASTING Co.**Wholesale Florists**

568-570 WASHINGTON STREET - BUFFALO, N. Y.

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184 North Wabash Avenue, CHICAGO

**ROSES, VALLEY and
CARNATIONS**
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GROWER of**

CUT FLOWERS**ROBERT DYSART****CERTIFIED PUBLIC ACCOUNTANT**

Simple methods of correct accounting
especially adapted for florists' use.
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Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not re-
ceived one.

Flower Market Reports

BOSTON A tightening up of the demand of flowers for weddings and other festivities usual at this time of the year has left the market in a precarious condition. Roses are of excellent quality, plenty of them but little demand. Carnations are poor with not many in sight. Peonies are abundant and in prime condition. Forced lily of the valley is scarce while outdoor grown is plentiful. The situation offers little encouragement over the previous week.

The first week in June **CHICAGO** closed with a gradual improvement in business. This was due partly because the usual reaction after a day of special demand was past and partly because stock was improving in quality. The week end just past was pronounced fair by most of the dealers, which does not mean that the market was cleared of stock or even nearly approached to it, but less went to the barrels than before. Peonies have flooded the market and as a means of holding up the price the storage houses were used. Much of the stock placed there, however, was not in the right condition for keeping and sold for less than when it went in. The temperature in general has been lower the past week and roses and carnations are much strengthened by it. In addition to peonies, carnations and roses there is a large supply of miscellaneous flowers. There have not been so many flowers used for June weddings as formerly.

There is a steady decline in the volume of business since the first of the month. **NEW YORK** Roses and carnations are much poorer in quality as a consequence of the warm humid weather and the sale of these staples is not improved because of the passing of the great bulk of peonies. The tone of the market is extremely quiet. The supply generally is not particularly large and would be easily absorbed in a normal market. There are some good Beauties to be had but they are called for in limited amounts. Of the tea roses Ophelia and Russell are the best. Hadley is going well this week, the supply having decreased. Valley is meeting with an indifferent demand but good cattleyas are selling as high as a dollar each. Lilies are moving slowly. Quite a collection of miscellaneous stock such as delphiniums, coreopsis, etc., are in the market and lend color if demand is slow. The market will feel the absence of demand



WATER LILIES

a splendid hot weather flower, good keeper and attractive. Order direct from our Washington house, \$4.00 and \$5.00 per 100.

RAMBLER STRAYS FROM PHILADELPHIA
\$5.00 to \$20.00 per 100

Everything in Plants, Cut Flowers, Greens, Ribbons and Supplies.

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NEW YORK PHILADELPHIA
117 W. 28th St. 1608-1620 Ludlow St.
BALTIMORE WASHINGTON
Franklin & St. Paul Sts. 1216 H St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI June 14		CHICAGO June 3		BUFFALO June 10		PITTSBURG June 10	
Roses								
Am. Beauty, Special	40.00	to 50.00	25.00	to 35.00	20.00	to 30.00	25.00	to 35.00
" " Fancy and Extra	25.00	to 35.00	15.00	to 25.00	15.00	to 20.00	15.00	to 20.00
" " No. 1 and culls	8.00	to 15.00	8.00	to 15.00	3.00	to 10.00	2.00	to 8.00
Russell, Euler, Mock	5.00	to 12.00	3.00	to 25.00	3.00	to 10.00	4.00	to 12.00
Hadley	6.00	to 12.00			3.00	to 6.00		
Arenberg, Hoosier Beauty	5.00	to 8.00			3.00	to 8.00		
Ward	4.00	to 6.00	2.00	to 10.00	3.00	to 5.00	3.00	to 10.00
Killarney, Radiance, Taft	3.00	to 6.00	2.00	to 8.00	3.00	to 6.00	3.00	to 10.00
Ophelia, Sunburst, Hillingdon	3.00	to 8.00	2.00	to 8.00	3.00	to 10.00	3.00	to 10.00
Carnations								
Cattleyas	50.00	to 60.00	60.00	to 75.00	40.00	to 50.00		to 75.00
Lilies, Longiflorum	8.00	to 12.00	10.00	to 15.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum					4.00	to 6.00		
Iris	2.00	to 4.00	2.00	to 6.00	2.00	to 4.00	4.00	to 6.00
Callas	6.00	to 8.00	8.00	to 12.00	6.00	to 10.00		
Lily of the Valley	4.00	to 6.00	4.00	to 6.00	6.00	to 8.00		
Snopdragon	4.00	to 6.00	3.00	to 10.00	3.00	to 8.00	4.00	to 8.00
Gladioli	4.00	to 6.00	3.00	to 8.00	5.00	to 10.00		
Pansies		to 1.00	.50	to 1.00	.20	to .40		
Peonies	4.00	to 8.00	3.00	to 6.00	2.00	to 3.00	4.00	to 10.00
Calendula		to 2.00	2.00	to 3.00	1.00	to 3.00		
Stocks	2.00	to 3.00			2.00	to 3.00		
Mignonette	4.00	to 6.00	2.00	to 8.00	2.00	to 3.00		
Sweet Peas	35	to .50	.50	to 1.50	.50	to 1.00		
Marquerites	1.00	to 1.50	.50	to 1.00	1.00	to 1.50		to 1.00
Gardenias	1.50	to 3.00			15.00	to 20.00		
Adiantum		to 1.00		to 1.00	1.00	to 1.25	1.00	to 1.25
Smilax	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00		to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 50.00	25.00	to 50.00	35.00	to 50.00	40.00	to 75.00

for flowers for graduating exercises which promises to be nil.

There was too much poor stuff on the market last week to make the going easy. Anything really good was in excellent demand. In American Beauty roses the call was as loud as ever, but what few of these reached the market were away below par. As expressed by one wholesaler, "Beauties are no good," comes about as near the truth as anything. Really the best rose coming in now is the Russell, and these move off in excellent shape. Next in quality may be placed the Killarney. Some extra fine Killarney Brilliant came in from the Mortensen

place and were easily the first to move off when buyers came around in the morning. Ophelia is still pretty good quality, but like many other varieties is feeling the effect of the recent hot weather. Carnations are getting smaller and poorer as the season wanes. The leaders at present are Matchless, Ward, Benora, Aviator and Victory. Sweet peas have improved a little as to quality. Delphiniums are right up front, are of splendid quality and make a great show for little money. Peonies are over locally but there is still some good cold storage stock to be had. Gaillardia, coreopsis, cornflower and sweet sultan, all of fine quality, add considerable "pep"

(Continued on page 591)

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Choice Cut Flowers

New Address, 143 West 28th St., NEW YORK
Telephone: 3200, 3201, Madison Square.

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Wholesale Florist

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Telephone: 5335, Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

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Consignments Solicited

Phone Farragut 4336

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Fresh Cut Decorative Evergreens.

Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
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A First Class Market for all CUT FLOWERS

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FINE ROSES, FANCY CARNATIONS

A Full Line of ALL CUT FLOWERS.
Telephone 3870 Farragut.

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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
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A full line of Choice Cut Flower Stock for all purposes.

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ALBANY CUT FLOWER EXCHANGE

THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY

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Prices Right. Consignments Solicited. Telephone Connection

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Telephone 2483 Farragut

HENRY M. ROBINSON CO. OF NEW YORK

WHOLESALE FLORISTS

55-57 West 26th Street
Telephones, 12-8510 Madison Square
MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending June 3 1918		First Part of Week beginning June 8 1918	
American Beauty, Special	10.00	to 25.00	10.00	to 25.00
" " Fancy and Extra	8.00	to 10.00	6.00	to 8.00
" " No. 1 and culls	1.00	to 4.00	1.00	to 4.00
Russell, Euler, Mock	1.00	to 8.00	1.00	to 8.00
Hadley	1.00	to 20.00	1.00	to 20.00
Arenberg, Hoosier Beauty	1.00	to 6.00	1.00	to 6.00
Ward	1.00	to 6.00	1.00	to 6.00
Killarney, Radiance, Taft	1.00	to 6.00	1.00	to 6.00
Ophelia, Sunburst, Hillingdon	1.00	to 8.00	1.00	to 8.00
Key	1.00	to 8.00	1.00	to 8.00
Carnations	1.00	to 4.00	1.00	to 2.00

Frank H. Traendly Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

436 6th Avenue, Between 26th and 27th Sts., New York

Telephones: 797, 798, 799 Farragut

Consignments Solicited

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CHOICE CUT FLOWERS

133 West 28th Street, New York

Telephone—3532-3533 Madison Square

H. BAYERSDORFER & CO.

Manufacturers and Importers

1129 Arch St., PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY
HOUSE OF AMERICA

REED & KELLER

122 West 25th St., New York

Florists' Supplies

We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

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Importers and Growers of

ORCHIDS

Cut Flowers of All the Leading Varieties
in their Season.

THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks

Manufactured by

W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

When writing to Advertisers kindly mention Horticulture

FlowerMarket Reports

(Continued from page 589)

to a rather low grade period in the usual staples.

As a whole, local florists are not talking about prices, but, instead, are gratefully taking what they can get. Stock is not moving rapidly, although considering the season, business may be considered fair. Several handsome June weddings have kept the "society" florists busy, but otherwise trade has been slow. Stock is not at its best, still showing the effect of the sudden and extreme heat of May.

Graduation and commencement exercises this week here have called for fewer and less expensive flowers this year than usual. June weddings do not include anything out of the ordinary in the way of decorations. Outdoor stock prevails. Large quantities of peonies are seen everywhere and consequently the general public are not buying so readily from the stores. Roses are very plentiful and are sold at lower figures. Carnations are plentiful and are somewhat a drag on the market. Sweet peas are both short stemmed and soft. Larkspur and candytuft, pink and white daisies and June roses are seen in most of the stores. Bedding stock sells readily.

Flowers are plentiful, outdoor stock influencing greatly the regular market. Roses and carnations both show the effects of warm weather. Outdoor sweet peas now coming in are selling fairly well but prices are low.

BUSINESS TROUBLES.

Scituate, Mass.—Percival S. Brown, florist, voluntary petition in bankruptcy; assets, \$9,044; liabilities, \$9,172.

The Horticultural Society of New York will hold an exhibition in the Museum Building, New York Botanical Garden, Bronx Park, New York City, in co-operation with the garden on June 15th and 16th. The exhibition will be open from 2 to 5 on the first day, and from 10 to 5 on the second day. Premiums are offered by the New York Botanical Garden, from the income of the William R. Sands Fund, to be awarded by the Exhibition Committee of the Horticultural Society of New York. Mr. William Becker will have charge of the arrangements on behalf of the New York Botanical Garden.

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"
ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3054

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending June 3 1918		First Part of Week beginning June 8 1918	
Cattleyas.....	35.00	to 75.00	35.00	to 75.00
Lilies, Longiflorum.....	2.00	to 5.00	2.00	to 5.00
Lilies, Speciosum.....	2.00	to 4.00	2.00	to 4.00
Iris.....	2.00	to 6.00	2.00	to 6.00
Callas.....	4.00	to 6.00	4.00	to 6.00
Lily of the Valley.....	1.00	to 3.00	1.00	to 3.00
Snappers.....	2.00	to 4.00	2.00	to 4.00
Gladioli.....	2.00	to 4.00	2.00	to 4.00
Pansies.....	.25	to .50	.25	to .50
Peonies.....	1.00	to 8.00	2.00	to 8.00
Calendula.....	.50	to 2.00	.50	to 2.00
Stocks.....	.50	to 2.00	.50	to 2.00
Mignonette.....	1.00	to 2.00	1.00	to 2.00
Sweet Peas.....	.35	to 1.00	.25	to 1.00
Marguerites.....	.50	to 1.50	.35	to 1.50
Gardenias.....	4.00	to 25.00	4.00	to 25.00
Adiantum.....	.25	to 1.00	.25	to 1.00
Smilax.....	12.00	to 15.00	10.00	to 15.00
Asparagus Plumosus, & Spreng (100 bunches).....	8.00	to 20.00	8.00	to 20.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

MASSACHUSETTS HORTICULTURAL SOCIETY.

On account of the forwardness of the season the society's annual exhibition of roses, peonies and strawberries, scheduled for June 22 and 23, has been changed to Saturday and Sunday, June 15 and 16. This exhibition will be a pay show, admission 25 cents, and the proceeds will be given to the Boston Metropolitan Chapter American Red Cross.

A large grower has offered 2000 peony blooms to be sold for the benefit of the Red Cross and others having a surplus of flowers are invited to send them to the hall for this purpose. The committee on prizes and exhibitions is making special effort for an attractive and extensive exhibition and the ladies of the Red Cross will contribute an interesting musical entertainment.

The exhibition will be open Saturday, June 15, from 12 to 10, and on Sunday, June 16, from 1 to 10 o'clock.

WILLIAM P. RICH, Secy.

Wounded on the afternoon of June 15 at the Botanical Gardens in Bronx Park. Theodore A. Havemeyer, president of the society; F. R. Newbold, its treasurer, and other officers will receive the guests, and Mrs. Schuyler Van Rensselaer, national president of the American Fund for French Wounded; the honorary chairman, Mrs. Ethelbert Nevin, and the New York chairman, Mrs. Charles M. Chapin, will serve as hostesses.

VISITORS' REGISTER.

Philadelphia: Stephen Mortensen, Southampton, Pa.; John T. Buckbee, Rockford, Ill.; Jason Lewis, Austin, Ill.

Chicago—Max Kaiser, Marion Park Fl. Co., St. Paul, Minn.; C. P. Halligan, Prof. of Horticulture at Michigan Agricultural College, Lansing, Mich.; Angel Pregooris, Alpha Floral Co., Lansing, Mich.; Iles Cole, Springfield, Ill.; George Bishop, Ft. Wayne, Ind.

RECEPTION PLANNED IN BOTANICAL GARDENS.

An outdoor tea and reception will be given by the Horticultural Society of New York to the members and officers of the American Fund for French

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755
Farragut **NEW YORK**



THE PFALTZGRAFF POTTERY CO., York, Pa.
Manufacturers of Florists' Pots, Bulb Pans, Fern Dishes, etc.
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LOCAL AND GENERAL NEWS

PITTSBURGH.

John B. Strayer has just received a letter from E. Clarke Styles, who is now with the Engineers' Railroad Division in France.

Friends have received post-cards announcing the safe arrival of Edward Earl Ludwig and Frank P. Smoller in France last Saturday.

Julius W. Ludwig is sufficiently able to return to the store having been confined to his home for the past week with a sprained ankle.

Anthony W. Smith, Jr., was installed president of the Rotary Club at its weekly luncheon meeting last Wednesday at the Fort Pitt Hotel.

Barton W. Elliott, the nineteen year old and youngest son of Wilkinson Elliott, has enlisted with the U. S. Marines and gone to Paris Island, S. C.

The Zieger Company has just finished a contract including five hundred porch boxes for Henry J. Heinz, the Pickle King, of "Greenlawn," Penn avenue, East End.

The weekly luncheon of the Retail Florists' Association last Tuesday at the Seventh Avenue Hotel was featured by an address by Assistant Fuel Administrator J. T. Miller.

Charles Zimmerman has responded to Uncle Sam's call by entering the airplane manufacturing plant at Springfield, Mass. Mr. Zimmerman's former position as entry clerk for the I. W. Scott Seed Company, is now filled by William Willmon.

Randolph & McClements contributed the beautiful floral decorations for the Laughlin-Gould and Wurtz-Coley weddings on last Saturday afternoon. Inasmuch as both were military weddings, the decorations were somewhat less elaborate than had the civilian features prevailed.

Lexington, Ky.—J. P. M. Peterson has purchased the greenhouse establishment of Kelley & Current, 562 Woodland avenue.

PHILADELPHIA.

Samuel S. Pennock, Jr., was valedictorian at the graduating exercises of the Penn Charter School on the 6th inst.

P. Joseph Lynch, the well-known rose grower of Pennsylvania and Indiana, is a candidate for secretary of the Supreme Court of the latter state and is highly indorsed by a host of prominent citizens. And a word to the wise among the Hoosiers—he'll make a good one.

Frank M. Ross had his auto stolen from right in front of the Pennock Co. store on the 8th inst. It was in the midst of a line of half a dozen other cars and inside of five minutes it was gone. There seems to be an organized gang of specialists in this sort of thing, and there is loud talk around about many of the patrolmen being "in cahoots!" No day passes but dozens of such incidents are reported. Doctors visiting patients seem to be the worst sufferers. A bright mind thought of training an Ayrdale terrier to sit on the front seat and bite the thief. We now see lots of them on guard. Frank had better get an Ayrdale.

CHICAGO.

Jas. G. Hancock has resigned his position with Frank Oechslein, where he has had charge of the office for nearly eleven years.

W. N. Rudd says a recent letter from his daughter in France, says she is safe and well, but that they have had many experiences and hardships. No sugar or butter has been on their menu for the past six weeks.

So little interest was taken in the sale at public auction of the Thompson Carnation Co.'s plant at Joliet, Ill., June 1st, that the sale was postponed until June 15th. The Thompson Car-

Cambridge

New York



WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.
Cambridge, Mass.

nation Co. went into bankruptcy this spring.

Morton J. Poehlmann, son of Mr. and Mrs. Adolph Poehlmann, has returned from a successful year at the Western Military Academy and will seek to acquire some practical business experience in the store during the vacation.

Lieutenant Howard R. Smith, of Newcastle, Ind., who lost his life by accident in the service, had many friends in Chicago. He was for some time in the employ of O. C. Simonds & Co., landscape gardeners at 1101 Buena avenue.

A canvass of the wholesalers brought the signatures of practically all, to the petition to close the wholesale flower stores all day Sundays during the summer. Saturday nights the stores will remain open till 9 o'clock, for the benefit of the retailers, who can then lay in their Sunday stock.

It was with extreme regret that the Chicago florists learned of the death of John J. Stuppy, of the Stuppy Floral Co., St. Joseph, Mo., which took place suddenly on June 1st. He was a frequent visitor to the Chicago market and the loss of so young a man, who had scarcely yet reached his prime, is a loss to the whole trade.

The Chicago Flower Growers' Association has installed a system of indirect lighting which shows up their stock to the best advantage, even on the darkest days. The progressive manager of this house fully realizes the stimulating effect of a bright, cheery salesroom on trade. It comes next to efficient salesmen and the combination is hard to beat.

ROCHESTER, N. Y.

George Boucher is making a specialty of stone garden ware, vases, urns, seats and bird baths and is filling them with plants and boxtrees.

Brown the Florist, who has a store in Utica, N. Y., and for some time past has been running a stand at the Eggleston Hotel in this city, has sold the fixtures, etc., to Peter Pappas.

Private B. Pemberton, formerly with the Wilson Floral Co., has left Kodak Park, where he has been stationed for some time with the Aerial Photography Division, for Rockwell Field, San Diego, Cal., to complete his training.

Rochester florists, through the Society of American Florists and Ornamental Horticulturists, are pledged to do their part to keep the hospitals in the United States wherever there are sick and wounded sailors and soldiers supplied with fresh flowers. Many florists in this city have keenly felt the curtailment of purchases of flowers, due principally to the rate of economy that has swept across the country. It is believed that next winter many florists here will be compelled to close their greenhouses because of the recent order restricting the consumption of coal. The National League for Women's Service has indorsed the plan of the florists to furnish flowers to the base hospitals. The League characterizes the contribution as a genuine gift to the cause of Democracy.

WASHINGTON, D. C.

Samuel Ball is now with the S. S. Pennock Company. He was formerly with Gude Bros.

George C. Shaffer has returned from Atlantic City where the patrol of the Shriners has been in session.

"Lightless Nights" for florists and other stores are in prospect, according to an announcement of the United States Fuel Administration. The Government is calling for all economies possible, to offset the possible necessity of a return of the so-called "Workless days."

Following the recent action of the United States Fuel Administration in reducing the allowance of coal to florists by fifty per cent of their normal requirements, the fuel administrator for the District of Columbia has sent a notice to all florists under his jurisdiction, calling their attention to that regulation and informing them that they will be unable to secure any coal except upon special license from his office.

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Advertisements in this Department, Ten Cents a Line, Net

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Cincinnati	2 1/4 in.	15.00	
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CYCLAMEN: Best strain of Cyclamen grown in 2 1/4-in. pots. Varieties, Salmon Pink, Light Pink, Blood Red, Bright Red, Pure White and White with Red Eye, at \$7.50 per hundred, or \$65.00 per thousand. Cyclamen Seedlings, from three to five leaves, \$5.00 per hundred, or \$40.00 per thousand. "Cash with order." **J. H. FIESSER, North Bergen, N. J.**

CYCLAMEN: The best new Holland and English varieties. Salmon, Pink, Light Pink, Dark Pink, Blood Red, Pure White and White with red eye. Transplanted Seedlings, 5 to 6 leaves, ready for

	100	1000
3 inch pots	\$5.00	\$40.00
2 1/4 inch pot plants	8.00	70.00
3 inch pot plants	12.00	

Seedlings ship better than pot plants. **C. U. LIGGIT, Wholesale Plantsman, 325 Bulletin Building, Philadelphia, Pa.**

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AVIATION MECHANICS.

The Bureau of Navigation has sent forth a call for Aviation Mechanics. These men are wanted to tune up and keep aeroplanes in repair. For each aeroplane there will be ten (10) ground mechanics.

Men who are mechanics or are mechanically inclined will be enrolled and given a course of training at various schools before being assigned to duty at a naval air station.

Men are wanted in the following ratings: Machinist's Mates, Carpenter's Mates, Coppermiths, Shipfitters, Blacksmiths and Quartermasters.

Men who have had experience on gas engines; sheet metal work; carpentering; sail-making; blacksmithing, upholstering; cloth fitting, tailoring, painting, wood-working and piano making are particularly desired.

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WANTED: A man that is capable of taking charge of the watering of a large range of greenhouses. Apply in person or letter, with references, to **H. H. BARROWS & SON, No. 264 High St., Whitman, Mass.**

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This fluid absolutely destroys all weeds and other growth wherever applied and its effect on the ground prevents the growth of fresh ones for a year and thus saves a great deal of time and labor, as no cutting, hoeing or hauling away of the weeds is required.

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CORRESPONDENCE SOLICITED.

ROSA HUGONIS.

We note with interest your regarding Rosa Hugonis, page 511, May 25th issue. We have had this plant under observation here since 1911 and regarding no new variety have we felt more ecstatic than from Hugonis when in bloom this season. One can with ease cut beautiful, long, arched sprays in quantities from some of our older bushes and they produce a display of beauty such as no real rose lover can resist. With temperature the past winter 20 degrees below zero, not a tip suffered from the cold. The acacia-like foliage is a thing of beauty at all seasons and especially when the new growth shows its rich mahogany stems. We shall be very much interested to see what may be done with this rose as a forcing variety because from many different standpoints, beauty of foliage, abundance of bloom in season, it is certainly unmatched. I wish more people knew it.

West Grove, Pa. ROBERT PYLE.

ST. LOUIS.

All the wholesale houses after June 15th will close at 12 o'clock on Saturday.

Wm. C. Smith Wholesale Floral Co. have repainted and entirely renovated their store.

Preparations for the S. A. F. are going on and all matters are being carefully adjusted by the old war horse, J. J. Beneke.



The Recognized Standard Insecticide.
A spray remedy for green, black, white fly, thrips and soft scale.
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Obituary

William Hay.

William Hay, 51, for many years proprietor of a florist establishment on Dyer avenue, and for the past 10 years a wholesale grower of roses, in Oaklawn, R. I., died at his home in the latter place June 5. Death was due to a stroke of paralysis which he suffered Monday morning. Mr. Hay was born in Scotland, and would have been 52 years old Saturday, the day of his burial. He came to Rhode Island when a young man and had since been engaged in the florist's business, being employed by others for several years, and later commenced business for himself. During the most of the time he conducted a general business, but since going to Oaklawn he had given his attention almost entirely to the growing of roses, and was ranked as an expert in this line.

Besides a widow, Mr. Hay is survived by six children, Mrs. James Booth of East Brookfield, Mass.; Misses Jennie, Dorothy and Ethel, and William J. and Lawrence C. Hay, of Oaklawn. He also leaves three brothers, Daniel Hay, gardener for the Vanderbilt estate in Newport; James Hay, a florist in East Greenwich, and Lawrence Hay, engaged in a similar business in East Providence.

Dennis Murphy.

During a quarrel with his son, Dennis Murphy, a gardener, living at 82 Highland road, Brookline, fell on the sidewalk opposite his home and died shortly afterward of a fractured skull. The circumstances seem to indicate that the death of the father was due to an accident.

Hightstown, N. J.—Charles J. Roszel, a florist of Hightstown, identified a body found floating in the bay off the Statue of Liberty as that of his son, Charles L. Roszel, twenty-one years old. Despondency over his call in the draft army is believed to have led to the young man's suicide. Roszel was a salesman for a Maiden lane

jewelry concern. He left his home in Hightstown on May 23.



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Directions on package.

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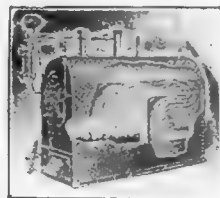


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New Bedford, Mass.—F. G. Blackwell, one house.

NEWS NOTES.

Chatham, N. J.—James Wagner has gone into military service at Camp Dix, Wrightstown, N. J.

Foxboro, Mass.—Oscar Jacobson has purchased the greenhouses of H. P. Leavitt on Baker street.

Biddeford, Me.—T. W. A. Smith's greenhouses, Porter and Prospect streets, have been sold to Rice E. Davis.

Pittsburgh, Pa.—The hail storm of June 1st demolished 10,000 lights of glass at the Pittsburgh Cut Flower Company's range and damaged carnations and other plants to the extent of \$8,000.

Dr. George M. Twitchell says the apple industry in Maine has steadily increased until it brings in yearly from \$2,000,000 to \$3,000,000, the larger portion coming from the Baldwins.

"While the winter-killing has been confined to Baldwin apple trees chiefly," said Dr. Twitchell, "the loss to the State will be practically 1,000,000 trees. In Franklin County the loss is set at 300,000 trees, and Kennebec suffers equally.

"One man loses his entire orchard of 1,500 trees and another 1,200.

"I do not get reports of the killing of other varieties of apple trees, but the pear, quince, peach and plum trees are to be largely counted out. Where the plum trees survived I cannot learn of a single blossom, so that crop is lost this year."

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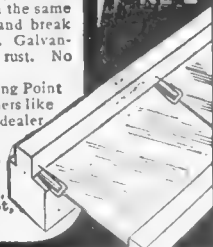
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No. 2



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ROSALIND and SILVIA

ROSALIND (A glorified *Ophelia*). The particular value of this variety lies in its exquisite coloring, which is entirely different from *Ophelia*. When the buds first show color they are bright coral, changing as they develop to apricot-pink, and when fully developed they are a most beautiful shell-pink. The flower is much more double than *Ophelia*, having at least one-third more petals. It is also delightfully fragrant. In habit of growth it is identical with *Ophelia*, from which it is a sport. *Rosalind* originated with us two years ago, and, grown side by side with *Ophelia*, is far superior to that variety.

Awarded first prize at International Flower Show, New York, March, 1917, for best new rose.

Awarded additional silver medal at same show for display of *Rosalind*.

Awarded silver medal by the Horticultural Society of New York.

Awarded silver medal by the Tarrytown Horticultural Society. Also numerous certificates.

SILVIA (Yellow *Ophelia*). Another beautiful sport of *Ophelia*, originating with us. The buds are long and pointed, beautiful sulphur-yellow, changing to creamy yellow as the flower opens, and when fully developed, pure waxy white. It is an unusual rose when fully expanded, five inches in diameter, and resembles the popular hardy climber Silver Moon, showing the same pronounced cluster of yellow stamens in the center. Exquisite in bud and unusually distinct and unique in the open flower.

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Lecturer on Horticulture, Columbia University

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Particularly during the last ten or fifteen years when the principles of plant physiology have been more and more satisfactorily applied to plant production and management has interest settled in pruning. During the latter half of this time also more and more investigations and tests have been conducted by experiment stations and other workers to test out methods and principles in the interest of science and for the benefit of growers. The accumulation of such new knowledge has become very considerable especially in the last decade, but it is necessarily so scattered that very few growers have access to it, hence the demand for a book, which shall present the really important features of these investigations as well as set forth the fundamental principles based upon the laws of plant growth.

This volume is lavishly illustrated mainly by actual photographs of specimens which show good and bad practices. The author has spared neither time nor expense in gathering his photographs, each one of which tells its story.

After a few pages of introduction the author discusses Plant Physiology as related to pruning. A chapter takes up the Philosophy of Pruning, itself a very interesting subject. Then follows a classification and clear discussion of Buds, very fully illustrated from life. How Wounds Heal is an exceedingly interesting chapter, as are also those on Prevention and Repair of Mechanical Injuries, Pruning Nursery Stock, Young Trees, Mature Trees and Odd Methods of Pruning and Training, Rejuvenating Neglected Trees and Practical Tree Surgery.

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HORTICULTURE

Vol. XXVII

JUNE 22, 1918

No. 25



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VEGETABLE CULTURE

CONDUCTED BY



Questions by our readers in line with any of the topics presented on this page will be cordially received and promptly answered by Mr. Johnson. Such communications should invariably be addressed to the office of HORTICULTURE.

Asparagus

The cutting of asparagus should now cease except in districts far north. It is important to remember that the plant must be allowed to grow untouched a sufficient length of time to develop strength for next year's crop. Manure water or a dressing of fertilizer well watered in will promote a healthy vigorous growth. Give the plants the support they need to protect them against injury from high winds.

Lettuce

Frames which have carried early vegetables as cauliflower, beans, carrots, beets, etc., may now be planted to lettuce for use during the heat of July and August. The black seeded varieties of lettuce generally withstand the heat of summer better than the white seeded kinds. Make a sowing of Romaine or Cos lettuce in a shallow trench prepared as for celery and when ready to handle thin the seedlings so that they stand one foot apart in the row. If well supplied with moisture at the roots these plants will furnish fine heads at a time when round lettuce are scarce.

Chicken Manure

Chicken manure makes a splendid stimulant for many vegetable crops when carefully used. It works wonders when applied to sweet corn and onions but should be given in frequent light doses. For applying to crops in a liquid form chicken manure is valuable although we prefer using it in a dry state; mixed with a quantity of very dry soil distribution is simplified. Sprinkle a little of it between the onion rows and lightly work it into the surface soil and then follow with a thorough drenching of water.

Cut Worms

Cut worms and slugs are often very troublesome among young vegetables. A dusting of either soot or lime will lessen injury by slugs but a poison bait is the only effectual means of fighting the ravages of the cut worm. Mix an ounce of paris green with one pound of bran. Stir four ounces of molasses into one and a half pints of water and then mix all thoroughly together to form a mash. A pinch of grated lemon or orange peel may be added to render the mash more palatable to the pests. Scatter this poisoned bait in sections of garden most affected with cut worms.

Mulching

Artificial watering is sometimes impossible and where this condition exists it is advisable to mulch crops of heavy top growth like peas and cauliflower. Indeed the conservation of soil moisture by this means is often productive of far better results than constant

watering. If the mulch contains considerable manure so much the better as subsequent leaching after heavy rains will be of much value to the crops.

Thinning Out

Thin sweet corn to three plants to each hill or if planted in rows, allow eighteen inches from plant to plant. Remove suckers or basal growths, give a dressing of fertilizer and cultivate frequently. Thin out previous sowings that need it as carrots, salsify, turnips, parsnips, kohlrabi and parsley.

Cutting Cauliflower

Cauliflower approaching edible size should be either tied or otherwise have a few of the outer leaves broken over them to protect the heads. As soon as the heads attain a reasonable size they should be cut. It is sheer waste to allow good compact heads to break before cutting. Medium sized, close white specimens are of the best table quality and it should be the aim of every gardener to supply abundance of cauliflower for consumption in this condition. Immediately such early crops as spinach, beets, etc., cease to be profitable clear the ground or else dig or plow them under and give the ground over to some fall crop as sweet corn, beans, late celery or winter greens. Spray potatoes, melons and tomatoes with bordeaux to prevent blight and other fungoid diseases.

Feeding Tomatoes

Tomatoes will stand feeding after the crop is "set," but this is not a necessity unless planted on very poor soil. Too much feeding results in rampant leafage rather than fruitfulness. Keep the growths regulated so that each plant carries not more than three stems. A few leaves may be removed to expose the fruit to sun and air but this practice is often carried to excess and may result in more harm than good.

Cucumbers in Frames

Cucumbers growing in frames and which are now commencing to bear will be all the better for a top dressing of fairly light rich soil. Ordinary potting soil, to which has been added considerable well decayed barnyard manure, is ideal. Cucumbers are hungry as well as thirsty plants, therefore maintain abundance of moisture in the atmosphere and at the roots and regulate growth to keep the plants clean and healthy. There is yet time to make a sowing of the smaller kinds for pickling. Select a warm, rich plot of ground and sow either in hills 4 feet asunder or in rows. Leave four strong plants to each hill and if in single rows, thin out to about eighteen inches apart.



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Plant exclusion

At the Washington hearing on the plant
 exclusion act to understand that Dr.
 Marlatt stated he had many letters from
 nurserymen, all of which approve the pro-
 posed quarantine and many wanting an embargo against
 all plants. We are much surprised at this as the gen-
 eral impression is that the nurserymen in general are
 opposed to the proposed legislation. The florist trade
 is certainly strongly opposed. No doubt this subject
 will come prominently before the S. A. F. at the St.
 Louis convention next August and those who have de-
 cided views should see to it that they are promptly pre-
 sented to the S. A. F. officials in charge previous to the
 convention.

Fairly treated

We learn from the Official Bulletin that the
 U. S. Fuel Administration has cut the
 amount of fuel permitted in the building
 of pleasure automobiles seventy-five per cent
 for the season 1918-19. This should be, in a measure,
 consoling to the greenhouse men as showing that the
 Government has in this exigency been disposed to treat
 them with exceptional consideration in allowing them
 fifty per cent of their normal coal supply. It speaks
 well for the estimation in which the flower business is
 held and it is most creditable to the efforts of those
 gentlemen who have pleaded the florists' case at Wash-
 ington, and particularly for Mr. Gude who has so faith-
 fully followed up in the most chivalrous manner, the
 welfare of the florists, as their official representative at
 the national capital.

An important convention

We hope the S. A. F. members will
 assemble in goodly force this season at
 St. Louis. It will make a popular good
 impression. This is the third time the
 national organization has been a guest
 of the city of St. Louis and the record of the two
 previous conventions is sufficient assurance that noth-
 ing will be left undone, locally, to make the occasion a
 most enjoyable affair. It is certainly unfortunate from
 a convention standpoint that railroad matters have
 taken such a turn that no concession from the increased
 rates now in force is possible. This will undoubtedly
 interfere with the size of the parties that will travel
 from remote points, but for adjoining territory this
 should make but little difference and a full and lively
 convention may be confidently expected. That it will
 be a busy and useful meeting there can be no doubt.
 There are problems in plenty and of vital importance
 to the horticultural industries which press for action,
 and the strong men of the business will be there to
 tackle them. We have also the Secretary's assurance
 that the trade exhibition will be comprehensive and in
 size worthy of the occasion and this feature alone
 should be a strong drawing card for a large attendance
 the trade from all directions.

A great acquisition

The handsome picture of Lilium regale
 which adorns our cover page this week
 and the notes in connection therewith by
 Mr. Anderson should prove intensely in-
 teresting to the plant and flower growers of this country
 at the present time, especially to those who make a
 specialty of forcing lilies for Easter. It is indeed for-
 tunate that the florists have so practical and timely a
 substitute for the prohibited Japan lily bulbs at their
 disposal now. The Regal Lily has every qualification
 to fill the gap acceptably. E. H. Wilson, the discoverer,
 says in his published description that in this lily
 "garden lovers have a jewel beyond price," and could
 he have foreseen the present predicament he might
 rightly have included the commercial florists as bene-
 ficiaries as well as the "garden lovers." In his Cyclo-
 pedia of Horticulture Dr. Bailey describes Lilium
 regale as "one of the most beautiful of all known
 lilies." One very strong point in its favor in addition
 to its beauty, and which must not be overlooked, is that
 this lily is perfectly hardy as far north as Boston and
 probably farther, and produces seed freely so that any
 florist who cares to, may raise his own bulbs readily and
 thus be independent of foreign supplies with all their
 annoying uncertainties of transportation and condi-
 tion upon receipt.

Lilium Regale

The illustration on cover page this week shows a pan of *L. regale* (*myriophyllum*) discovered in China a few years ago by E. H. Wilson. It is a vigorous grower and, as can be seen by the photograph, the strong wiry stems require no stalks to support them. The subject of the photograph was one of a batch brought along in a cool greenhouse for house and piazza decoration, and for this purpose it has a richness and beauty that can be matched by very few flowering plants.

On October 20th last the bulbs were placed in the pans, six 5-year-old bulbs and four 4-year-old bulbs in each pan, in a mixture of two parts loam, one of leaf soil and a liberal quantity of sand and light sprinkling of bone meal. No manure was used for experience has proved that this lily does better without it. The pans were placed in a frame, well protected from severe frost, and early in January were brought in and grown

along in a temperature of from 50 to 55 degrees. On May 1st half of the flowers were open and the plants were ready for use. As soon as the buds show, liquid manure applied once or twice a week will prove beneficial.

In order to test the forcing qualities of this lily one hundred bulbs were potted singly in 5-inch pots, brought in earlier and grown in a temperature averaging 58 degrees at night. The first of these flowered April 1st. This would indicate that this lily can be relied upon to come in, in good condition for Easter. Growers of flowering plants for Easter are fortunate in having within their reach a lily of this quality, especially as owing to war conditions lily bulbs of other varieties will be scarce.

William Anderson

South Lancaster, Mass.

RESTRICTIONS ON BULB IMPORTS

In response to a telegram just received wherein I have been asked the question, "Since the original bulb restriction embargo applies only to Bermuda, Japan and China, shall we assume that French and Dutch restrictions remain as per former circular?"

I immediately called on the United States Shipping Board and they said this order applies to all countries, but may be modified to this extent. That if a ship was at a foreign port about to sail for the United States and had available space, and could be loaded without using labor or time which might be used for war purposes, then plants, bulbs and nursery stock might be loaded, provided, however, that a permit was first obtained from the Government from which the ship was sailing and a permit from the Bureau of Imports, War Trade Board of Washington, D. C.

Following is the official order received this morning (June 12) from the War Shipping Board. It seems to be final shutting out all bulbs for the coming season at this time.

June 11, 1918.

Dear Sir: Item No. 61 on List of Restricted Imports No. 1, prohibits the importation after April 15, 1918, of Plants, Trees, Shrubs and Vines. Bulbs are considered to be in this class.

It is the intention of the Government to interfere as little as possible with the conduct of business, and it is with great regret that I write you that in time of war, flowers, bulbs, etc., must give precedence to what is absolutely necessary for the maintenance of our armies abroad. Every cubic inch of space is needed to carry soldiers, munitions and food stuffs for our men and our Allies. Nothing requiring ships should be imported that does not help win the war.

As you have doubtless heard, Secretary

Baker has stated that the number of men sent from the United States to the battle-front depends solely on our possessing sufficient shipping to maintain them abroad. The raid of U-Boats along our coast have brought this subject home to all of us.

A number of florists, importers and representatives of the trade have visited us here, and the whole subject has been most carefully looked into, and it is with real regret that it has been decided that bulbs must be continued on the restricted list for the time being.

The importation of bulbs the last few years would average about 5,000 cubic tons. While this may not seem very great for an industry that concerns so many people, it is well to realize that this amount of shipping would carry over 278,000 bushels of wheat, or maintain 4,000 American soldiers in Europe for one year.

The war forces sacrifices on all of us. Not only is your business going to be seriously interfered with, but everyone who has the least refinement is attracted by flowers, and in that way, every inhabitant of the United States will be affected to a certain extent.

While no promise can be made, nor any assurance given as to the future, it may be that the situation can be changed later on.

Very truly yours,

(Signed) THOMAS W. SLOCUM,
Division of Planning and Statistics.

We hope to have the final order of the Fuel Administration in a few days.

WM. F. Gude.

The following official letter will also be of interest:

June 14, 1918.

Mr. W. F. Gude:

Dear Sir: Following up our letter of June 11, in regard to the restriction against the importation of bulbs, plants, trees, shrubs and vines, it should be added that these commodities can be imported when coming as a return cargo from Europe and then only when ready at a convenient port and when loaded without delay. Under these conditions, you will apply for licenses to the Bureau of Imports, War Trade Board, who will issue same in due course.

Very truly yours,

(Signed) THOMAS W. SLOCUM,
Division of Planning and Statistics.

In connection with the foregoing we herewith print the following letter

of protest sent by the New York Florists' Club to the Federal Horticultural Board.

New York, June 17, 1918.

Federal Horticultural Board, U. S. Department of Agriculture, Washington, D. C.

Gentlemen: The New York Florists' Club, which was organized in 1887 and incorporated under the laws of the State of New York, on January 19, 1891, and which has today a total membership of 478 persons engaged in the horticultural trade, comprising the largest growers of plants and cut flowers in the states of New York, New Jersey, Connecticut and Massachusetts, at its meeting held on the 10th inst., resolved to protest against the proposed restrictions or prohibitions with respect to the importation of plants, as set forth in your communication of May 8, 1918, so far as they apply to importation from Belgium, France, England, also Holland, on the ground that same are inimical to the American florists' trade and would constitute an unnecessary unfriendly act towards our allies, Belgium, France and England, also Holland, a friendly nation.

Such quarantine would prevent these countries from resuming active business relations with us, at the end of the war, in their horticultural specialties. The florists of this country have been important buyers of their florists' plants, especially of poor bleeding Belgium, which counts its horticultural products among its important industries. Such proposed action would tend to interfere with a return export trade, turning such commerce in favor of other producing competitive nations.

By reason of the rigid inspection to which importations are now subjected, and the present requirements of the law, any further restrictions or prohibitions are not only entirely unnecessary and inopportune, but are a serious menace to the florists' trade of this country and the horticultural trade of our Allies, particularly in view of the fact that the territory of our Allies, and Holland, from which the bulk of the florists' plants are shipped, are well explored, and their insect pests and plant diseases are well known.

The New York Florists' Club, therefore, asks your Honorable Board not to take any action whatsoever on the proposed restrictions.

Respectfully submitted,

CHARLES SCHENCK, President of N. Y. Florists' Club; WINFRED ROLKER, FRANK R. PIERSON, WM. H. SIEBRECHT, JR., PATRICK O'MARA, Committee.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

THE ST. LOUIS CONVENTION.

Interest in the coming convention upon the forthcoming S. A. F. & O. H. Convention, to be held in St. Louis, Mo., August 20, 21, and 22.

The Trade Exposition will, as usual, be a prominent feature of the Convention and despite these war times bids fair to equal, if not surpass, any previous exhibition. All who contemplated making exhibits last April, when the National Flower Show was expected to be held jointly with the Convention, are bestirring themselves with preparations for the August dates, and Moolah Temple will, it is assured, house a most comprehensive exhibit of the various lines of florists' supplies, plants, and auxiliaries. The plans which were issued early in the year are still effective, and will cover the layout of the exhibition. The rate for space is 40c. per square foot, and the choice of location hinges upon the recognized rule of "first come first served." Anyone desiring a plan should make request of the secretary for same.

The local committees in St. Louis are busy with Convention arrangements, which, it is safe to say, will be perfect, as St. Louis is familiar with our requirements through previous experience.

As the railroads are now under Government control, the flat rate of three cents per mile for transportation will, of course, be in effect, but this is not expected to have any deleterious influence upon the attendance as, this year more than ever, florists feel that the opportunity to meet trade conditions as an organization must not be missed.

JOHN YOUNG, Secy.

THE PUBLICITY CAMPAIGN.

The secretary spent last week in New England and added considerably to the Publicity fund through subscriptions obtained from florists who now realize the immensity of the campaign work and the great good resulting. He takes this opportunity to thank all those who in any way assisted to facilitate his work and to enable him to make the most of his time. At the present he is working westward with encouraging prospects.

It was confidently hoped at the outset of the campaign that the committee's appeals for funds would meet with ready response if made by mail in the ordinary way. The response did materialize, but it was not nearly large enough to cover the expenditures planned and necessary. The committees then decided that the secretary should make personal solicitations, arranging his itineraries to the best advantage. This he is now doing. It is not a "begging" expedition; far from it. He is showing florists who are inclined to be incredulous the kind of

work the Publicity Promotion Bureau is doing and how results are obtained. He is promulgating the doctrine that to reap we must sow. With propaganda detrimental to the sale of flowers and plants being freely disseminated through the public press, some of it arising through actual conditions coincident to the times, but much more of it due to maudlin patriotism induced by misdirected imagination, the use of flowers is being assailed as something highly improper. This propaganda can only be combated by Publicity for flowers, Publicity well directed—organized Publicity. This is costly, but if every florist meets his portion of the expense it is easily met. If you, Mr. Reader, have not yet subscribed, do not delay. The Publicity Committee should not be hampered in its further work by an insufficiency of funds, but it will be unless greater interest is shown in the campaign. Don't leave it to your neighbor to do what you should do yourself. Many florists have given liberally, and have pledged their subscriptions for four years. No one is expected to contribute beyond his means, but even a little squeeze is warranted in such a cause.

If anyone who has not received a copy of our explanatory broadside will drop us a postal a copy will be mailed at once.

JOHN YOUNG, Secy.

New York

A GET-TOGETHER TALK.

Just a few days ago we were greeted in Boston by a visit from John Young, secretary of the S. A. F., in behalf of our Publicity campaign. A dinner was given at the Boston City Club whereupon Major O'Keefe got together about a score of florists in all branches of our business for a heart-to-heart talk on the value of publicity on which our Secretary Young also gave his views and experiences which were much appreciated, after which everyone was called upon in rotation and views and opinions on the question were given with intense interest.

Regardless of the motive of the meeting these get-together talks help the craft and the ideas freely exchanged cement the members so that each one feels the necessity of a spirit of co-operation, and those present that evening will spread the value of publicity broadcast amongst members of the craft so that its result will be felt later on. Everybody left the dinner with the knowledge that they had a better understanding of the Publicity campaign and its purpose.

Let every city and town take up the subject of Publicity as an auxiliary to the sale of flowers and you will have a most interesting as well as instructive topic for an evening. Get back of this Publicity movement so that the interest is aroused to its proper height

and then well roll our fund to its proper proportion and you as well as all connected with flowers will be the benefactors so that you can continue with 100 per cent. efficiency on a 50 per cent coal consumption. It's up to each and every one to do his share.

HENRY PRINCE, Chairman,
National Publicity Campaign.

OBITUARY.

Lieut. Harry Walker Prince

In the news dispatches of June 18th we regret to note the name of Lieutenant Harry Walker Prince killed in an air plane accident in England. The Lieutenant's father is managing grower on the Harris establishment at 55th and Springfield avenue, Philadelphia.

Frank Miles Day.

A famous Philadelphia architect passed away on the 15th inst. when Frank Miles Day died suddenly at his home, Mt. Airy, that city. He was well known all through United States and abroad, and designed many famous buildings of the highest artistic merit. He was best known in the trade as the designer of Horticultural Hall, Philadelphia—now but a memory, yet for a quarter century the delight of lovers of beautiful buildings from far and near. It was a poem outside and inside.

Major Leonard Veitch

Mr. P. C. M. Veitch, of Exeter, has been officially notified that his son, Major Leonard Veitch, of the Devons, was killed in action in France on May 21st. Major Veitch, who was 31 years of age, has been on active service since the first day of the war. Educated at Exeter School, he afterwards went to Germany and Holland to complete his studies in horticulture and landscape gardening. On his return to England he received a commission in the 7th (Cyclist) Battalion, Devon Regt., and was mobilized on August 4th, 1914, at which time the Corps was up for annual training. In the December following Lieut. Veitch took a draft to France and was attached to the Army Cyclists. In 1915 he was transferred to the 1st Devons, and remained with them to the last. He quickly obtained his captaincy, and subsequently was promoted to the rank of major. He took the battalion to Italy in December, 1917, soon after the Austro-German invasion to the Piave and Venetian Alps, and returned with them to Flanders a month or two ago. Lieut.-Col. Worrall being home on leave, he was in command of the Firsts in the front line at the time he met his death.—*Exeter (Eng.) Express*.

AMERICAN ASSOCIATION OF NURSERYMEN

The American Association of Nurserymen, will hold its forty-third Annual Convention in Chicago on June 26, 27 and 28, with headquarters in the Hotel Sherman. A big program of important business has been prepared and the prospects are that plenty of entertainment will be enjoyed. Following is the program as sent out by Chairman H. B. Chase, of the Program Committee:

Program.

Meetings in Crystal Room—Exhibits in West Room (Adjoining Crystal Room.)

WEDNESDAY, JUNE 26th, 1918.

10.00 a. m. Call to order by Vice-President J. R. Mayhew; song, "America"; invocation, Rev. C. S. Harrison, York, Nebr.; "The Glad Hand," Geo. M. Spangler, Jr., Association of Commerce, Chicago, Ill.; "A Message," Major Lloyd C. Stark. Report of committees: Arbitration, W. C. Reed, chairman; Arboretum, J. Edward Moon, chairman; Complaints and Grievances, W. H. Wyman, chairman; Distribution and Directory, M. R. Cashman, chairman; French Relief, F. L. Atkins, chairman; Hail Insurance, Frank Weber, chairman; Landscape, Thos. B. Meehan, chairman; Legislative, Wm. Pitkin, chairman; Nomenclature, J. Horace McFarland, chairman; Press, Robert Pyle, chairman; Statistical, Henry B. Chase, chairman; Tariff, Irving Rouse, chairman; Transportation, Chas. Sizemore, chairman; Vigilance, Paul C. Story, chairman.

"Banish the Barberry and Save the Wheat," Dr. E. C. Stakman, St. Paul, Minn., chairman; Barberry Eradication Com., U. S. Dept. of Agriculture.

Appointment of Committees.
Announcement of Entertainment Committee.

1.45 p. m. (Executive Session.)
Song, "Star Spangled Banner."

1.50 Report of Secretary-Counsel—Curtis Nye Smith; report of treasurer, J. W. Hill.

2.15 Address, "Marketing Methods." L. D. H. Weld, Mgr. Commercial Research Dept., Swift & Co., Chicago, Ill.

2.45 Special Order of Business—Resolution and Amendment to Constitution

(Note—That ample time be allowed for a full and free discussion of this most important matter, no additional topics are scheduled for this session.)

Program Committee — Announcement of Meeting of State Vice-Presidents.

7.30 p. m. Meeting of State Vice-Presidents.

8.30 p. m., Reception and Get-Acquainted Banquet.

THURSDAY, JUNE 27th, 1918.

10.00 a. m., Song—"Where Do We Go From Here Boys?" "Market Development"—Report of Temporary Committee. Report of Publicity Committee, F. L. Atkins, Chairman; The

Booklet "Home Grounds," from the Publisher's Viewpoint, J. Horace McFarland. From the User's Viewpoint, O. Joe Howard, Secretary Van Lindley Nursery Co., Pomona, N. C. "Costs, Profits, and Income Tax," Alvin E. Nelson, Swain Nelson & Sons Co., Chicago, Ill. Discussed by Arthur H. Hill and Guy A. Bryant. Report of State Vice-Presidents and Election of officers.

1.45 p. m., Song "Over There." "Personal Experiences in the Trenches," Officer from British Recruiting Station, Chicago, Ill.; "Fuel Conservation," Mr. Osborn Monnet, U. S. Fuel Administration; "War Times and the Nursery Business," Four-Minute talks by E. C. Hilborn,



MAJOR LLOYD C. STARK
President American Association of
Nurserymen

North Dakota; Windsor H. Wyman, Massachusetts; R. D. Underwood, Minnesota; J. R. Mayhew, Texas.

THURSDAY EVENING.

Meeting of American Nurserymen's Protective Association, Thos. B. Meehan, Secretary. Meeting of Retail Nurserymen's Protective Association, Guy A. Bryant, Secretary.

FRIDAY, JUNE 28th, 1918.

10.00 a. m. "Standardizing the Bunching of Nursery Stock," E. P. Bernardin, Parsons, Kansas. "The Retail Salesman," E. H. Smith, Secretary, Harrison Nursery Co., York, Nebr.

Final Report of Committees; Reso-

lutions; Unfinished Business; Song—"America;" Adjournment.

Exhibition

Alvin E. Nelson, Chairman of the Committee on Exhibits, reports that all arrangements have been made for a very fine display. The exhibits will be staged in the west room of the Sherman Hotel, adjoining the Crystal room in which the meetings will be held.

Entertainment

The entertainment features will include—

Wednesday noon (12.30) Luncheon by all ladies in attendance at Marshall Fields & Co. (Narcissus Room) followed by a tour through that mammoth establishment under conduct of trained guides.

Wednesday Evening: (8.30) Reception and "Get-Acquainted" banquet.

Thursday Morning (10.00) Trip through Art Institute. 12.00 Luncheon at Art Institute Cafeteria. 1.30 Leave C. & N. W. Depot for Great Lakes Naval Training School. 8.15 p. m. Theater Party "Friendly Enemies" at Woods' Theater.

Friday. Afternoon—the ladies are invited to visit (along with the men folks) the establishment of Sears, Roebuck & Co.

LADIES' AUXILIARY.

The women of the American Association of Nurserymen will hold their third annual meeting, and a larger attendance of ladies than ever before is expected. This "Ladies Auxiliary" will have charge of the music, reception and entertainment features. A reception and tea will be given for the gentlemen on Wednesday, June 26, at 5.30 to 6.30 p. m. The officers are as follows:

President—Mrs. E. S. Welch, Shenandoah, Iowa.

Vice-President — Mrs. W. C. Reed, Vincennes, Ind.

Secretary—Mrs. E. R. Taylor, Topeka, Kans.

Corresponding Secretary—Mrs. E. E. May, Shenandoah, Iowa.

Chairman of Entertainment Committee—Mrs. Clyde Leesley, Chicago, Ill.

A PRESENTATION.

Major Lloyd Crow Stark, President of the National Association of Nurserymen, was recently presented with a handsome sword. The blade of the sword itself bears the inscription "U. S. Lloyd Crow Stark," and the scabbard is inscribed, "Presented to Major Lloyd C. Stark, President, American Association of Nurserymen, 1918." It is very handsome and of the regulation U. S. Army style and the scabbard is heavily mounted with silver trimming but yet complying with the Army regulations. The Committee of the Nurserymen's Association appointed to make the presentation were William Pitkin, E. S. Welsh and John Watson.

AMERICAN SEED TRADE ASSOCIATION

The Annual Convention of the American Seed Trade Association is being held this week June 18, 19, 20, in Chicago. The president's address and reports of Secretary and Treasurer are appended.

ADDRESS OF PRESIDENT F. W. BOLGIANO.

In accepting the honors of the presidency of the American Seed Trade Association last June, I did so with fear that I might not realize the full importance of the position, or my capability to handle the situation. I fully appreciated that to the American Seedsmen this Association would mean more in the months to follow than it had ever meant before. Yet with that feeling and knowledge, I never for one moment dreamed what was in store this year for your Association.

Important Work Ahead.

Believing, as I do now, that this Association while in the past has done wonderfully good work, yet I think that the coming year will eclipse all others and that the coming president will find that he is to be called on to give brains, time and strength to the affairs of the Association beyond all that has ever been required of the office before. Believing these things as I do, I am going to make several recommendations which appear to me as being expedient.

Our Departed Brothers.

Before any of our business is taken up, however, it behooves us to stop for a moment and turn our thought to the vacant places in our midst, left so by the call to give an accounting before the great throne where each shall receive his just reward; and for one moment I shall ask you to remember.

Ludwig Keweles, Oscar H. Wills, Frank Reedy, Edwin Haven, L. L. May.

An appropriate committee will prepare resolutions which will voice our feelings, and the same I trust may be spread on the minutes that we may always have them before us to remind us of our departed friends.

It can hardly be possible that our members generally have not prospered fairly well during the past year; yet I doubt, except in rare instances, if the material interest of our members is as good as it was a year ago. What with short crops, income profit taxes, excess profit taxes, and the increased labor cost, the drain has been very great and serious. There have been the numerous bills by the various legislative bodies, but as I have not the figures as to the exact number, I cannot compare this with former years. J. M. Lupton with our ever-ready and valuable attorney, has handled these so that nothing very serious has gotten through.

Valuable Work of Association Counsel.

There never was a time when it was more necessary that the Association

have a level headed attorney associated with your executive officers as during the past year, and I wish to thank Curtis Nye Smith for the manner in which he was always willing to take from the shoulders of your President, all the burdens that we asked him to assume, and at the same time in his quite able manner, give good advice at all times. I am sure that when the time comes for Mr. Smith to make his report you will be surprised at the work accomplished by him during the year. The experience gained each year by our Counsel should make him more and more valuable to this Association.

Conference Over Peas and Beans.

Early in the fall, the Food Commission, represented by Mr. Burden, invited a number of the seedsmen to Washington to talk over the situation on peas and beans. It seemed at that time that someone in the Commission was about to take some radical and ill advised steps, not realizing that the seed business was a separate and distinct business from all others, and one that not only requires trained minds, but brave hearts, to conduct. At this meeting we were told that the Government must have information regarding the supplies of peas and beans available for the season of 1917-1918. The absolute necessity of the conservation of food supplies was pointed out at this meeting and the fact that the American seedsmen were expected to do their bit as well as every other class of men.

In June of last year the crop situation was what might be called a normal crop or an average prospect, but as the weeks and months went by, we began to realize that the situation was one that we must consider with increasing alarm. The early crops were injured by the lack of rain; the late were nearly all caught by an early frost which in many instances wiped out all or nearly all of the prospect. Many seeds got to values never dreamed of before, and which we trust will never again be equalled. Yet with all these high values, we were not as high as in war-stricken Europe. We, of course, suffered very greatly because we could not get the crops already made in Europe and intended for this country, yet even had they been available, there would have been a great shortage in this country's supply.

Our forage crops have been woefully short in seed supplies. Clover seed has never been so fully out of the hands of the dealers, good seed corn was never as scarce, and other farm seeds have been badly affected by the general situation relative to supply of seeds.

Executive Committee Called to New York.

All of these considerations made it seem necessary that your President should have the advice of competent men, and at the suggestion of several prominent men in the trade he called the Executive Committee together in

New York on November 21st, at which time he laid the whole matter before that Committee and other seedsmen whom he invited to attend (they being in New York at the Wholesale Seedsmen's League meeting).

War Service Committee.

After a long consultation and going over the grounds most carefully, your Executive Committee authorized your President to name a War Service Committee, which he did, having the honor to name John Hunt chairman, Kirby White, Wm. G. Scarlet, Howard M. Earl and Charles Massie as members of this Committee which in the judgment of your President has done more to conserve the best interests of the American Seed Trade, and at the same time patriotically serve our country and our flag than usually falls to the lot of any committees. They have done valuable work that can never be too highly appreciated; they have risen to their opportunity and have acquitted themselves most gallantly. Others might have done as well, but others have never been so called on heretofore, and I pray may never have to be.

This Committee was almost immediately called to Washington to meet with Mr. Burden. I may say at this point that this Committee is recognized officially as being a part of the Government's force. We sat in session the better part of two days, discussing the prospective crops of peas and beans, and the amount and character of information Mr. Burden, with the help of the Department of Agriculture had obtained was surprising. I think it was due to this meeting that we were able to convince the Food Commission that it would be extremely unwise for them to take any drastic steps toward fixing the prices of peas and beans. Your Committee demonstrated clearly and forcefully how easy it would be to destroy the production end of the seed business and what a serious condition would ensue. Right here I want to say that Mr. Burden, while a man of strong personality and not easily influenced, is a man of good judgment and eminently fair—a man who has placed his country's interest above his personal interest.

During all this time the freight condition had been going from bad to worse. The War Service Committee by appointment met again in Washington and tried to get something done regarding preference in shipments of seeds. While that Committee accomplished something along these lines, yet I consider the greatest good was accomplished by our Charley Boyles, who being a railroad man got right down to the foundation, and even had an interview with Mr. McAdoo regarding the situation. For what has been accomplished along these lines, credit should be given him. We need such strong men.

Appreciation of Charley Boyles.

This Association is extremely fortunate in having Mr. Boyles to call upon

in such an emergency, and I think a vote of thanks is justly due him.

We scarcely emerged from one trouble before we had another. The Fuel Commission, seeing the eminent danger of a disastrous fuel shortage promulgated an order closing each Monday for a number of weeks all places of business not engaged in the manufacture of munitions, medicines, or war necessities. We deemed this of such serious importance, coming as it did during February and March, our rush season, that I again called the War Service Committee together in the latter part of January. While we all did not get there, because Massie got snowed under between home and Chicago, and Kirby got into a snow-bank, yet the rest of your Committee laid the matter before the Department of Agriculture in such a light that we through them were able to announce to the trade that we need not observe the closing days. Now let me say right here that your President received letters from two parties claiming that they observed the closing days. He wants to say before this convention that any man in the seed business not doing his utmost to get the seed which he held into the ground, through his customer or the general public, did an unpatriotic act and should be condemned by his Association; this is no time to play to the galleries.

The War Service Committee has been at all times in constant communication with the Department of Agriculture and the Food Commission. On May the 28th we were again invited to Washington, meeting there the Board regulating the importation of seeds from foreign countries. The work accomplished at the meeting was of small moment in its relation to the seed trade. On this occasion we were asked to meet at Mr. Oakley's office at the Department of Agriculture, after the meeting with the Board on importation; we met there. I have no doubt that Mr. Hunt will give you full information regarding all these meetings. I have simply touched on each one in passing. I want at this time to say that while we have not always been able to get through all that we wanted at these meetings, we have always been met with such an evident anxiety to be fair to all, the public and our trade alike, that we feel that we have accomplished something in bringing about an understanding between our trade and those in authority. This is especially true of the members of the Department of Agriculture.

Your President has been called on almost daily for some personal work for individuals of the Association; he has done the best he could. Where he has failed, please forgive, and where he succeeded he is amply repaid.

We have conscientiously fought against the control of our business in the way the grocery business has been controlled; thus far we have succeeded but let me by way of warning tell you that you must live as patriotic citizens, not as grasping profiteers, if you expect this immunity. Do not, because you happen to have stock beyond your wants, and your competitor is short, try to extort a usurious profit, it will not be permitted, and will bring disgrace on yourself and hard-

CYCLAMEN GIGANTEUM And Other Varieties

A fine flower, and free blooming plant as is well known is produced from our strain which is unsurpassed by any other, both as regards size and color of flower and habit of plant.

Trade Offer of Seed Prices net cash with order, postage paid. To insure against possible loss, 5% added to these prices will cover war and maritime risk. **Bush Hill Pioneer** (white, rose, persicum mauve, salmon) in packets at \$5 doz., \$7.50 per 1000 seeds, \$20 per oz. **Cherry Ripe** (New) nearly scarlet \$12.50 per 1000 seeds, \$30 per oz. **Eileen Low** (stock exhausted). **Mrs. Buckston** (bright salmon) in packets, \$5 per doz., \$10 per 1000 seeds. **Majestic** (white with blush base) in packets, \$5 per doz., and \$12.50 per 1000 seeds. **Purple Prince** (foliage like St. George, flowers lovely purple) in packets, \$5 per doz. **Pink Pearl** (New) a lovely pale salmon, \$10 per 1000 seeds, \$25 per oz. **Persicum** (white with red eye) \$4 per 1000 seeds, \$10 per oz. **Persicum Rose** (bright rose colored variety) \$4 per 1000 seeds, \$10 per oz. **Persicum Mauve** (a delicate mauve with carmine eye) \$4 per 1000 seeds, \$10 per oz. **Phoenix** (a lighter red than Vulcan) \$4 per 1000 seeds, \$10 per oz. **Princess May** (gigantic rose with purple base) \$4 per 1000 seeds, \$10 per oz. **Papilio** (Butterfly Cyclamen in white, red, rose, mauve shades, Persicum) \$7.50 per 1000 seeds, \$20 per oz. **St. George** (the silver leaf Cyclamen) in packets, \$5 per doz. **Scented** (possessing the true old Cyclamen perfume) in packets at \$5 per doz. **Salmon King**, \$6 per 1000 seeds, \$12.50 per oz. **Sunset** (bright orange salmon) \$12.50 per 1000 seeds, \$30 per oz. **Victoria**, in packets, \$5 per doz., \$10 per 1000 seeds. **Vulcan** (deepest red, blood red Cyclamen) \$4 per 1000 seeds, \$10 per oz. **White Swan** or **Charming Bride** (giant white) \$4 per 1000 seeds, \$10 per oz. **Cyclamen Seed of the various colors mixed**, \$10 per ounce.

Dry bulbs for growing on can be shipped August onwards at \$15 per 100. **STREPTOCARPUS SEED** of the finest strain, \$10 per ounce, \$2.50 per wholesale packet.

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ship and disgrace on your fellow-craftsmen. Besides, regulation in our business will mean very serious curtailment in production, and this may bring a condition that may be fraught with serious consequences to our country.

Permanent War Service Committee.

I now, after most serious consideration, recommend that the War Service Committee be made a permanent committee during the continuance of the war, and the personnel of the committee be requested to remain as it is during the same period. I trust for the good of the Association that this recommendation will prevail.

Need for Additional Farm Labor.

I recommend that the Committee on Oriental Farm Labor get extremely busy. It is our opinion that, with the existing condition as to labor, unless we are able to get more farm labor within the next seven months our country is going to suffer very seriously from shortage of feed, because we have not enough labor to plant and harvest the crops already planted or in prospect of planting. Under no conditions must we in any way withhold the supply of men for the war; this war must be won and our individual interests must be subservient to the interests of our country. We should have at least five hundred thousand Chinese imported at the earliest possible moment into this country as farm laborers.

Our Association has put itself on a very high plane regarding Government charges. I do trust that that standard will be kept to the very top notch until there shall be no cause to come before your committee. I want the Association to be placed in the attitude of condemning anything that may be disloyal to the flag, dishonorable to our customers or disgraceful to our Association, and that any man who is guilty of any or all of these things, be made to feel that he is certain to receive all the punishment he so justly merits, both from his Government and his associates in business.

Turning aside, we have found that we have had to economize most rigidly, being forced to incur expenses that may seem large even then. I recommend that the gentlemen who have so nobly come to Washington and bore

their own expenses, be reimbursed; and that the expenses which have been incurred by your officers be audited by a special committee, and if found expedient and correct that they also be paid, and that a change of the constitution regarding dues be made so that the incoming officers may have sufficient funds to meet the necessary expenses.

The Bulletin.

The Bulletin should by all means be continued, the information contained should be up-to-date, and the crop reports to be of value should be of most recent date previous to each publication. This can only be accomplished with the assistance of each member.

Remember, I am advising, asking and I may say, commanding loyalty; and if any one withholds valuable information at this time from the Bulletin, he is coming very close to being disloyal to his flag. As to the pay of the employees of the Association, I consider that this is a matter for the Executive Committee and should be handled as they think best.

When I accepted the Presidency I said that we had just ended a year when the success of the seed business was phenomenal; I now say that we have just ended a year when the cares and trials of the seedsmen are beyond those of all other years. We have been led by a kind Providence, assisted by the most able committees that any association ever had to assist in keeping away from serious mistakes and to gain the confidence of those in authority. There is only one way to continue this, and that is by being absolutely honest and honorable. I wish to thank you all for your loyal assistance and patience.

SECRETARY'S REPORT.

Total membership last year.....	196
Accessions, 29, losses 4, net gain.....	25
Total present membership.....	221

TREASURER'S REPORT.

Balance on hand last year.....	\$1,527.14
Initiation fees.....	750.00
Dues and assessments.....	4,540.00
Special advances.....	800.00
Interest fund.....	91.54
	\$7,508.68
Disbursements.....	
Total.....	\$5,280.87
Balance on hand.....	2,227.81
	\$7,508.68

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Bolgiano, Washington, D. C.; First Vice-President, Wm. G. Scarlett, Baltimore, Md.; Second Vice-President, David Burpes, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kandel, Cleveland, O.

The Seedsman Exonerated.

PAGE 511, JUNE 17, HORTICULTURE, in Philadelphia note that a man sows fifty feet of a row with carrot seed and only five come up, what's the answer? Here it is: I sowed two rows 200 feet long of carrots and none come up, and in two rows mangel beets, one came up and the other didn't! I forgot the inwards of the seed drill and threw it out of gear when I didn't sow the seed and threw it in when it did sow! We old fogies do all kinds of fool things and blame the seedsman; e. g., sow parsley and parsnip an inch deep; plant gladioli two to three inches deep; cut off all the leaves with the stems low down to have nice long stems of gladioli, and then wonder why we don't get bulbs for next year's planting, or what do survive are all red ones and we think they have all turned red, etc. E. M.

Beans.

The farmers of the country did their duty last year and brought out a larger crop of beans than ever before. According to the figures of the Department of Agriculture, the last crop of beans was about 15,000,000 bushels, an increase of 5,000,000 bushels over the normal crop. Considering the extraordinary demand for beans by the Army and Navy, this crop was not too large, and only unusual circumstances explain the fact that any beans are left over. Boston baked beans have taken the place of meat in certain meals for a large section of the country for many years. They have become an institution. Bean loaf skillfully made can hardly be told from meat loaf, and there is little difference in nutritive value.

SAVE FERTILIZER BAGS.

Twenty-one million yards of burlap valued at \$4,000,000 could be saved annually if all fertilizers were shipped in 200-pound bags. Burlap is now growing scarce because of its increased use in trench warfare and food shipments and because of reduced importations. Pointing out that the burlap situation is steadily getting worse, the United States Department of Agriculture suggests that fertilizers be shipped in 200-pound bags.

Not only are burlap bags scarce, but the jute from which they are made is imported from India, and the shortage of ships has materially interfered with the supply. The necessity of furnishing the Army with bags for trench use will further deplete the available supply. A severe shortage of burlap would seriously handicap the movement of fertilizers to the farm, since the need for food containers would receive first consideration. It is, there-



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Single Fringed—Salmon, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Copper-Bronze. Mixed: 100, \$7.00; 1000, \$65.00.
Single-Flowering—Delicate Pink, Deep Rose, Scarlet, Crimson, White, Yellow, Orange, Salmon. Mixed: 100, \$4.75; 1000, \$45.00.

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GARDEN SEED

BET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

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fore, considered necessary that the use of burlap for carrying fertilizers should be cut to the greatest possible extent. Knowing these facts, every patriotic farmer will gladly co-operate by handling the larger bags.

Another way in which farmers can help save burlap is by marketing any second-hand bags they may have on hand. Dealers are offering from 6 to 15 cents each for these second-hand bags, depending upon size and condition. Why not sell any spare burlap bags now while the need is so great.

A new strain of asparagus that is larger, more uniform and more productive than the old varieties and in addition is highly disease resistant has been developed through ten years of work by J. B. Norton, a plant breeder in the Bureau of Plant Industry, who introduced, tested and hybridized asparagus from all parts of the world. Introduction of the new strain is expected eventually to stamp out the "rust," a destructive disease that swept over the country a few years ago. Commercial quantities of the new type recently sold in Washington, D. C., for more than double the price of other asparagus.

The note from an American trade paper in last week's H. T. J. seems to indicate that our American friends are moving in the direction of licensing seedsmen. We could very well do with a proper system of licensing the trade in this country, for as a friend puts it to me in a letter last week: "It is about time we got rid of the ironmonger-seedsmen, or the fishmonger-seedsmen, and this would be one of the advantages of licenses."

Yes, undoubtedly, it should be so, but it is necessary that a qualification for obtaining a license shall be satisfactory evidence of a knowledge and bona fide connection with the seed trade. It is impracticable, at present anyway, that the applicant for a license shall produce a certificate or a diploma on the lines required of the chemist and druggist, but a man who wants to trade as a seedsman should, at least, be able to show that he has had training in the business.—*Horticultural Trade Journal (Eng.)*.

She also serves who stoops and weeds.

MICHELL'S NEW CROP PANSY SEED

Micell's Giant Exhibition Mixed

A giant strain which for size of bloom, heavy texture and varied colors and shades cannot be surpassed. Half tr. pkt., 30c.; tr. pkt., 50c.; $\frac{1}{4}$ oz., \$1.25; \$2.00 per $\frac{1}{4}$ oz.; per oz., \$7.00.

GIANT SORTS IN SEPARATE COLORS

	Tr. pkt.	Oz.
Azure Blue	\$0.40	\$2.75
Black Blue .....	.40	2.75
Emperor William, blue.....	.40	2.75
Hortensia Red .....	.40	2.75
King of the Blacks.....	.40	2.75
Lord Beaconsfield, purple violet .....	.40	2.75
Peacock, blue, claret and white .....	.40	2.75
Snow Queen, pure white.....	.40	2.75
Striped and Mottled.....	.40	2.75
White with Eye.....	.40	2.75
Pure Yellow40	2.75
Yellow with Eye.....	.40	2.75

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1,000 Seeds, \$3.50 10,000 Seeds, \$30.00
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Asparagus Plumosus Nanus—1000 seeds,
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Stocks Beauty of Nice, 75% Double Flowers
—Shell Pink, Bright Pink, Purple, White
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Bangor, Me. Adam Sekenger, 32 Newbury St.

Boston, Thos. F. Galvin, 1 Park St.
Boston, Penn the Florist, 124 Tremont St.
Boston, Julius A. Zahn, 1 Park St.
Buffalo, N. Y. S. A. Anderson, 440 Main St.

Buffalo, N. Y. Palmer S., 304 Main St.
Chicago, William J. Smyth, Michigan Ave. and 31st St.

Cleveland, O. J. M. Gasser Co., Euclid Ave.

Cleveland, O. Adam Graham & Sons, 5523 Euclid Ave.

Cleveland, O. Knoble Bros., 1836 W. 25th St.

Cleveland, O.—The Smith & Fetters Co., 735 Euclid Ave.

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Will take good care of your orders
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Florists' Association of Monmouth
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Deliveries to all points in New England.
125,000 Square Feet of Glass.
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5 Barrel Bale \$2.50
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WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	BOSTON June 26		ST. LOUIS June 17		PHILA. June 10	
Roses						
Am. Beauty, Special	25.00	to 35.00	.....	to	35.00	to 40.00
" " Fancy and Extra	15.00	to 25.00	25.00	to 30.00	25.00	to 30.00
" " No. 1 and culls	2.00	to 6.00	7.00	to 10.00	4.00	to 10.00
Russell, Euler, Mock	3.00	to 12.00	2.00	to 8.00	3.00	to 10.00
Hadley	3.00	to 8.00	3.00	to 5.00	3.00	to 10.00
Arenberg, Hoosier Beauty	2.00	to 8.00	3.00	to 5.00	2.00	to 8.00
Ward	2.00	to 6.00	1.00	to 3.00	2.00	to 6.00
Killarney, Radiance, Taft	2.00	to 6.00	3.00	to 6.00	1.00	to 8.00
Ophelia, Sunburst, Hillingdon	3.00	to 12.00	1.00	to 4.00	2.00	to 8.00
Carnations	.....	to 2.00	.75	to 1.00	1.00	to 3.00
Cattleyas	.....	to 35.00	.....	to 50.00	60.00	to 75.00
Lilies, Longiflorum	4.00	to 8.00	10.00	to 12.50	6.00	to 8.00
Lilies, Speciosum	3.00	to 6.00	.....	to	3.00	to 6.00
Lilacs	.....	to .....	.....	to .....	.....	to 6.00
Callas	.....	to	10.00	to .....	.....	to 8.00
Lily of the Valley	4.00	to 6.00	4.00	to 5.00	6.00	to 8.00
Snopdragon	2.00	to 6.00	3.00	to 6.00	1.00	to 3.00
Gladioli	4.00	to 8.00	8.00	to 10.00	4.00	to 8.00
Pansies	.25	to .50	.....	to .....	.....	to
Peonies	1.00	to 6.00	2.00	to 4.00	2.00	to 5.00
Calendula	.50	to 1.00	1.00	to 2.00	.....	to
Stocks	1.00	to 3.00	2.00	to 4.00	.....	to
Mignonette	1.00	to 2.00	.....	to .....	.....	to
Sweet Peas	1.00	to 1.50	.20	to .50	.40	to .75
Marguerites	1.00	to 2.00	1.00	to 2.00	.50	to 1.00
Gardenias	10.00	to 20.00	.75	to 3.00	.....	to
Adiantum	1.00	to 1.25	1.00	to .....	.75	to 1.00
Smilax	25.00	to 40.00	12.50	to .....	.....	to
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	25.00	to 35.00	25.00	to 50.00

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MANUFACTURERS
PHILADELPHIA, PA.

Flower Market Reports

BOSTON The condition in the market shows a vast improvement over the last two weeks and prices hold well on nearly every variety of stock with the exception of both carnations and peonies. Carnations bring but a fair return while many that are shipped can not be disposed of at any price. Roses are of excellent quality and in good demand. Lily of the valley is scarce. The cold weather of the past few days has afforded an opportunity for a general clean up.

CHICAGO Trade at this time is mainly dependant for its local sales upon the call for funeral flowers. In spite of the general tendency to restrict the use of flowers during the war there has been little change in this part of the trade, a tendency to avoid expensive pieces being the most marked. The second week in June was not noted for the amount of business done but there was not the disheartening dullness that many feared, with the ban on commencement flowers in colleges. Wedding decorations are missed by the florists and totals will be materially lessened by the lack of them. Beauties are the only flowers in short supply, and the best grades are bringing winter prices. Some very good carnations are to be had. The poor ones that are always seen in the summer are avoided by the buyer who knows a good flower from a poor one, and find their way to the special sales counters and are sold as low as a nickel a bunch. The same may be said of roses and often the customer was cheated at that price. It seems a pity that such stuff is not thrown away instead of being sold at all.

ROCHESTER, N. Y. For the past week business has been very brisk with graduations and weddings and plenty of funeral work. Roses are rather scarce and the quality not very good. Sweet peas are scarce and poor. Carnations are poorer every day and the price is away down. Harrisii lilies are very plentiful and good. Daisies, Spanish iris, delphinium, gaillardia, coreopsis, etc., are in great demand. Asparagus and hardy ferns are very scarce.

ST. LOUIS Complete summer dullness prevails. Carnations and roses are becoming poorer daily. Outdoor sweet peas are plentiful, but the short stemmed ones are consigned to the dump heap. Shasta daisies are quite plentiful.

Mississippi has enacted a law authorizing the establishment and maintenance of municipal wood and coal yards during the period of the present war and for one year thereafter, as a means of meeting the fuel shortage. This is said to be the first legislation of the kind by any state. Municipalities taking advantage of this law may provide the necessary machinery, transport, sell and deliver fuel, and are authorized to use for this purpose general municipal funds, and also, with certain restrictions, to borrow money if necessary.



DELPHINIUM

In light and dark blues (Belladonna the light) wonderfully choice stock, medium and long stems, in any quantity,

\$4 and \$6 per 100

RAMBLER SPRAYS

\$5.00 to \$20.00 per 100 Sprays

Everything in Plants, Cut Flowers, Greens, Ribbons and Supplies

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WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI June 17		CHICAGO June 17		BUFFALO June 10		PITTSBURG June 10	
Roses								
Am. Beauty, Special.....	25.00	to 35.00	40.00	to 50.00	20.00	to 30.00	25.00	to 35.00
" " Fancy and Extra.....	15.00	to 20.00	25.00	to 35.00	15.00	to 20.00	15.00	to 20.00
" " No. 1 and culls.....	8.00	to 10.00	4.00	to 15.00	3.00	to 10.00	2.00	to 8.00
Russell, Euler, Mock.....	5.00	to 10.00	3.00	to 25.00	5.00	to 10.00	4.00	to 12.00
Hadley.....	5.00	to 10.00	.....	to 10.00	3.00	to 6.00	.....	to 10.00
Arenberg, Hoosier Beauty.....	4.00	to 8.00	3.00	to 15.00	3.00	to 8.00	.....	to 10.00
Ward.....	3.00	to 5.00	3.00	to 12.00	3.00	to 5.00	3.00	to 10.00
Killarney, Radiance, Taft.....	3.00	to 5.00	2.00	to 12.00	3.00	to 6.00	3.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	3.00	to 8.00	3.00	to 12.00	3.00	to 10.00	3.00	to 10.00
Carnations	.....	to 2.00	1.00	to 3.00	1.00	to 2.00	1.00	to 3.00
Cattleyas.....	50.00	to 60.00	60.00	to 75.00	40.00	to 50.00	.....	to 75.00
Lilies, Longiflorum.....	10.00	to 12.50	12.00	to 15.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum.....	.....	to 10.00	.....	to 10.00	4.00	to 6.00	.....	to 10.00
Iris.....	.....	to 2.00	.....	to 4.00	2.00	to 4.00	4.00	to 6.00
Callas.....	8.00	to 10.00	6.00	to 12.00	6.00	to 10.00	.....	to 10.00
Lily of the Valley.....	4.00	to 6.00	4.00	to 6.00	6.00	to 8.00	.....	to 10.00
Snopdragon.....	4.00	to 6.00	4.00	to 8.00	3.00	to 8.00	4.00	to 8.00
Gladioli.....	6.00	to 8.00	3.00	to 8.00	5.00	to 10.00	.....	to 10.00
Pansies.....	.....	to 1.00	.50	to 1.00	.20	to .40	.....	to 1.00
Peonies.....	.....	to 3.00	3.00	to 8.00	2.00	to 3.00	4.00	to 10.00
Calendula.....	.....	to 2.00	2.00	to 3.00	1.00	to 3.00	.....	to 10.00
Stocks.....	2.00	to 3.00	3.00	to 6.00	2.00	to 3.00	.....	to 10.00
Mignonette.....	3.00	to 5.00	3.00	to 6.00	2.00	to 3.00	.....	to 10.00
Sweet Peas.....	.35	to .50	.25	to 1.00	.50	to 1.00	.....	to 1.00
Marguerites.....	.....	to 1.00	.50	to 1.00	1.00	to 1.50	.....	to 1.00
Gardenias.....	.....	to 15.00	.....	to 20.00	15.00	to 20.00	.....	to 1.25
Adiantum.....	.....	to 1.00	.....	to 1.00	1.00	to 1.25	1.00	to 1.25
Smilax.....	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00	.....	to 20.00
Asparagus Plu. & Spren. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	40.00	to 75.00

THREE NEW NATIONAL FORESTS.

President Wilson has issued a proclamation establishing three new National Forests in the East—the White Mountains in Maine and New Hampshire, the Shenandoah in Virginia and West Virginia, and the Natural Bridge in Virginia. Each forest represents the final step in carrying out the law passed by Congress in 1911 providing for the purchase by the Government of forest lands on the watersheds of navigable streams. Additional lands which have been purchased in the White Mountains and Southern Appalachians will be proclaimed National Forests as their accumulation reaches a point justifying the step.

Plainfield, N. J.—One of the heaviest hail storms of late years visited Plainfield, Wednesday afternoon, June 12 and did much damage, particularly in the east and north ends. Many gardens were practically destroyed, the growing crops being cut down. The ground was littered with twigs of trees, and hail stones lay for half an hour after the storm was over. Some of these stones that fell in the north end were as big as hen's eggs. One of John W. Pitts' greenhouses on Leland avenue was ruined, the glass being utterly demolished. This house is 109 feet long by 24 feet wide. Another of Mr. Pitts' houses was damaged almost as badly. The loss is estimated at not less than a thousand dollars, unfortunately not insured.

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MAURICE L. GLASS, Treasurer

NEW YORK QUOTATIONS PER 100. To Dealers Only**ROSES AND CARNATIONS**

	Last Part of Week ending June 15 1918		First Part of Week beginning June 17 1918	
American Beauty, Special	10.00	30	10.00	25.00
" " Fancy and Extra	8.00	10.00	6.00	8.00
" " No. 1 and culls	1.00	4.00	1.00	4.00
Russell, Euler, Mock	1.00	8.00	1.00	8.00
Hadley	1.00	12.00	1.00	12.00
Arenberg, Hoosier Beauty	.50	5.00	.50	5.00
Ward	.50	5.00	.50	5.00
Killarney, Radiance, Taft	.50	5.00	.50	5.00
Ophelia, Sunburst, Hillingdon	1.00	6.00	1.00	6.00
Key	1.00	6.00	1.00	6.00
Carnations	.50	1.50	.50	1.50

Frank H. Traendly

Charles Schenck

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Cut Flowers of All the Leading Varieties
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Wired Toothpicks

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W. J. COWEE, Berlin, N. Y.

10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

When writing to Advertisers kindly mention Horticulture

Visitors' Register

St. Louis, Mo.—C. L. Bowers, Bristol, Tenn.

Boston—A. E. Kunderd, Goshen, Ind.; Alex. Montgomery, Hadley, Mass.

Philadelphia—Miss Matilda Held, Baltimore, Md.; H. A. Bunyard, Nitrates Co., N. Y. City.

Pittsburgh—Mr. and Mrs. H. L. Thompson, Rochester, Pa.; Mr. Blackshaw, rep. Ove-Gnatt Co., Laporte, Ind.; Joseph H. Goudy, rep. Henry A. Dreer Co., Philadelphia, Pa.

Philadelphia—Frank Fallon, Roanoke, Va.; W. E. McKissick, Leo Nissen Co., Baltimore, Md.; Maurice Brinton, Christiana, Pa.; Charles P. Gross, Washington, D. C.; William J. Halliday, Baltimore, Md.; Mr. Scarborough, Gude Bros. Co., Washington, D. C.

Chicago: C. B. Tanner, Hastings, Neb.; Dr. Haskett, of the Glass Acres Co., Sioux City, Iowa; Mr. and Mrs. C. J. Cherry, Rockford, Ill.; George Schmal of the Bulbgrowers Export Syndicate, Wassenaar, Holland; Sam Seligman, of Schloss Bros., N. Y.

ORDER YOUR FERTILIZER NOW.

The U. S. Department of Agriculture, is urging farmers to make known their fertilizer needs for the fall planting at the earliest possible date. It points out that this will enable dealers to combine their orders into full capacity carload lots. This step is made necessary by the difficulties in handling freight at this time. The railway systems are taxed to the utmost to move the tremendous volume of supplies for our troops. Many growers who ordered their spring fertilizers late did not receive them until after planting time. Some failed to get them at all. The intelligent use of fertilizers is one way by which crop production can be increased and at the same time make the labor expended produce more than formerly. There was never a time when the use of fertilizers was so profitable as now with crop prices high and labor scarce.

SPEEDING UP WAR WORK

A number of the tool manufacturers are devoting a considerable portion of their facilities to the manufacture of tools needed by the United States Government to help win the war. Among them is the Smith & Hemenway Co., Inc., whose plant at Irvington, N. J., is very largely given over to the making of tools for Uncle Sam, and they have been obliged to put up a new building which is now being completed. New machinery of the latest design is being installed, and the result will be an increased output and a saving of time in producing it. Late last year the factory in Hill, N. H., added a new building.

J. K. ALLEN

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ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

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MISCELLANEOUS

	Last Part of Week ending June 15 1918	First Part of Week beginning June 17 1918
Cattleyas.....	25.00 to 75.00	25.00 to 75.00
Lilies, Longiflorum.....	2.00 to 5.00	2.00 to 5.00
Lilies, Speciosum.....	2.00 to 5.00	2.00 to 5.00
Iris.....	to	to
Callas.....	4.00 to 6.00	4.00 to 6.00
Lily of the Valley.....	1.00 to 6.00	1.00 to 6.00
Snapdragon.....	1.00 to 3.00	1.00 to 3.00
Gladioli.....	2.00 to 8.00	2.00 to 8.00
Pansies.....	to	to
Peonies.....	1.00 to 8.00	2.00 to 8.00
Calendula.....	.50 to 1.00	.50 to 1.00
Stocks.....	.50 to 2.00	.50 to 2.00
Mignonette.....	1.00 to 2.00	1.00 to 2.00
Sweet Peas.....	.25 to .50	.25 to .50
Marguerites.....	.50 to 1.50	.35 to 1.50
Gardenias.....	4.00 to 25.00	4.00 to 25.00
Adiantum.....	.25 to 1.00	.25 to 1.00
Smilax.....	12.00 to 15.00	10.00 to 15.00
Asparagus Plumosus, & Spreng (100 bunches).....	8.00 to 20.00	8.00 to 20.00

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We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

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D. J. Pappas, Pres.

PRIZE DESIGN FOR F. T. D. EMBLEM.



The accompanying picture shows the design that was selected by the Florists' Telegram Committee for the new emblem of the F. T. D. The original of this copy called for colorings as noted. The back ground of the globe of pale blue and the earth of orange, the wings black and white, the telephone black and white, the roses in natural colors, the back ground of the heavy lettering or the ribbon is light yellow, the lettering being of dark blue and shaded with light blue.

This sketch was made by Herbert Read, 220 West Bethune Ave., Detroit, Michigan, and was awarded the prize of \$200.00. The vote of the committee

was unanimous in selecting the design, while we had very many beautiful selections submitted, this was without a doubt the most beautiful.

THE F. T. D. COMMITTEE,

E. A. Feters, Geo. E. M. Stumpp, F. C. W. Brown, chairman.

CHAMELEONS

American Chameleons, small green lizards; interesting little pets; window attraction and good sellers. Trial order of fifty for \$1.50. Instructions furnished.

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CLUBS AND SOCIETIES

BOSTON PEONY AND ROSE SHOW.

The annual exhibition of peonies and roses by the Massachusetts Horticultural Society, held on Saturday and Sunday, June 15 and 16, was a gorgeous display and drew a goodly attendance of the public. There were no cash prizes and all receipts from admission were donated to Boston Metropolitan Chapter of the Red Cross. More than 2,000 peonies and many hundreds of roses were sent in for sale purposes each day, a group of young women serving as sales girls. The outstanding novelties in the show were the roses "George Ahrends" and "Bonnie Prince," and the new hybrid orchid "Rheims." The prize awards follow.

List of Awards.

Peonies. Collection of 20 named varieties, double: 1st, T. C. Thurlow's Sons, Inc.; 2d, Mrs. James McKissock. 10 named varieties, double: 1st, T. C. Thurlow's Sons, Inc. Specimen bloom, double: 1st, R. & J. Farquhar & Co., Mrs. Bayard Thayer; 2d, T. C. Thurlow's Sons, Inc., Mme. Emile Lemolne. 12 named varieties, single: 1st, T. C. Thurlow's Sons, Inc. 6 named varieties, double, white: 1st, T. C. Thurlow's Sons, Inc.; 2d, Mrs. James McKissock. Six, rose pink: 1st, T. C. Thurlow's Sons, Inc. Six, salmon pink: 1st, T. C. Thurlow's Sons, Inc. Six, red or crimson: 1st, T. C. Thurlow's Sons, Inc. Vase of 25 blooms, double, white or blush: 1st, T. C. Thurlow's Sons, Inc.; 2d, T. C. Thurlow's Sons, Inc. 25 blooms, pink or rose: 1st, T. C. Thurlow's Sons, Inc.; 2d, T. C. Thurlow's Sons, Inc. 25, red or crimson: 1st, T. C. Thurlow's Sons, Inc. American Peony Society's Medal for the largest and best collection of peonies: T. C. Thurlow's Sons, Inc.

Roses. Three blooms of white hybrid perpetual: 1st, John B. Wills, Frau Karl Druschki; 2d, A. L. Stephen, Frau Karl Druschki. Three, pink hybrid perpetual: 1st, A. L. Stephen, George Ahrends; 2d, A. L. Stephen, Mrs. John Laing. Three blooms red hybrid perpetual: 1st, John B. Wills, Gloire Chedane Guinoisseau; 2d, A. L. Stephen, Gloire Chedane Guinoisseau. Six varieties, one bloom each: 1st, John B. Wills. 24 varieties, one bloom each: 1st, John B. Wills. 12 named varieties, one bloom each: 1st, John B. Wills; 2d, Albert Geiger, Jr. Six yellow: 1st, John B. Wills, Mrs. Aaron Ward; 2d, W. C. Winter, Katherine Breslaw. Six pink: 1st, John B. Wills, Lady Ashton. Six red: 1st, John B. Wills, George Dickson.

Sweet Williams—Display, 18 vases, not less than six varieties: 1st, A. L. Stephen; 2d, W. C. Winter.

Silver Medal: R. & J. Farquhar & Co., display of roses and peonies; T. C. Thurlow's Sons, Inc., display of peonies; J. K. Alexander, display of peonies; Mrs. C. G. Webb, display of roses; Henry Stewart, display of *Oncidium flexuosum*; A. W. Preston, *Laelio Cattleya Rheims Alba Rubra*; A. W. Preston, *Cattleya Charm*.

Bronze Medal: Blue Hill Nurseries, display of peonies.

First Class Certificate of Merit: Thomas N. Cook, new rose *Christiane de Feligonde*; R. & J. Farquhar & Co., new peony Mrs. Bayard Thayer.

Honorable Mention: Boston Cut Flower Co., display of flowers in baskets and vases; Houghton, Gorney Co., display of flowers in baskets and vases; Seth A. Borden, seedling lilies, umbellatum type.

Vote of Thanks: Miss Cornelia Warren, display of roses; Mrs. Fred L. Oaks, Iris sibirica; Henry R. Comley, basket of roses; R. M. Saltonstall, fuchsias.

Awards for Fruits. Strawberries.—One plate of 48 berries of any variety introduced since 1914: 1st, Louis Graton, St. Martin. Single plate, any variety: 1st, H. L. Crane, Barrymore; 2d, W. C. Cooper, Wm. Belt. Best new strawberry of merit not yet introduced, 48 berries: Louis Graton, silver medal. Two plates of Marshall: 1st, R. M. Saltonstall.

Vote of Thanks: Hillcrest Farm, white

Meetings Next Week

Monday, June 24.

Florists and Gardeners' Club of Rhode Island, Swartz Hall, Providence, R. I.

Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, Baltimore, Md.

Tuesday, June 25.

Newport Horticultural Society, Newport, R. I.
Tarrytown Horticultural Society, Tarrytown, N. Y.

Wednesday, June 26.

American Association of Nurserymen, Hotel Sherman, Chicago, Ill., June 26 to 28.
Oyster Bay Horticultural Society, Oyster Bay, N. Y.

Friday, June 28.

Connecticut Horticultural Society, County Bldg., Hartford, Conn.
Monmouth County Horticultural Society, Red Bank, N. J.
Pasadena Horticultural Society, Pasadena, Calif.
People's Park Cottage Gardeners' Association, Paterson, N. J.

strawberries; W. C. Winter, Superb Ever-bearing Strawberry.

Awards for Vegetables.—Beans, string, 50 pods: 1st, E. A. Clark, Giant Stringless. Beets, twelve: 1st, E. A. Clark, Crosby's; 2d, Mrs. Henry Lyman. Lettuce, 4 heads: 1st, Mrs. Henry Lyman; 2d, Mrs. Henry Lyman. Four heads of Cos or Romaine: 1st, Mrs. Henry Lyman, Little Gem; 2d, Mrs. Henry Lyman, Nonesuch. Peas, collection, 3 varieties: 1st, E. A. Clark; 2d, Mrs. Henry Lyman. Fifty pods: 1st, Mrs. Henry Lyman, Alaska. Collection of Vegetables, 10 varieties: 1st, Mrs. Henry Lyman.

NASSAU COUNTY HORTICULTURAL SOCIETY.

At the meeting of the above society at Glen Cove, June 12th, six active members were elected. A fine display of roses were on exhibition and awards were as follows: Jas. McCarthy 1st for 6 varieties, 6 flowers of each; for 3 H. P. roses; for out-door flowers, and best 12 strawberries. Frank Watson, 1st 3 H. P. roses; 12 mixed roses, and 25 sweet peas. Thos. Scott, 2nd, 12 mixed roses. Wm. Milstead, 2nd, 3 vases of sweet peas, and 25 sprays sweet peas. Thos. Twigg, 1st for delphinium. Louis Hubbard, 2nd for out-door flowers. Wm. Noonan, 2nd for 12 strawberries. Vegetables exhibited by Joe Mastroianni were awarded cert. of culture. Cert. of culture to Frank Petroccia for lettuce. All the exhibition flowers were donated to the Base Hospital at Mineola. Our next meeting will be held on Wednesday, July 10th, and will be known as Vegetable Night. Competition, 6 tomatoes, 25 string beans and 25 pods of peas.

HARRY GOODBRAND, Cor. Sec'y.

The St. Louis Florist Club held their meeting June 13th at the estate of Henry Blixen, Woodlawn Gardens, Edwardsville, Ill., about 40 members present. It was announced that the club picnic would be held at Ramona Park early in July. The next meeting will be held at President Jules Bourdet's home July 11.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

There was an attendance of about two hundred at the annual ladies' night, June 18th. A committee consisting of W. J. Kennedy, Donald McKenzie and Arthur F. Miles was appointed to draw up resolutions on the death of Carl Demayere, and John L. Smith, Martin Lally and J. E. Blockside were appointed in a similar capacity on the death of George Barker, formerly head gardener on the A. F. Estabrook estate.

Communications were read from the Fuel Commissioners at Washington, Professor Hecht from his camp at Chillicothe, Ohio, and from Richard Vincent, Jr., president of the American Dahlia Society, regarding the dahlia exhibit in Boston in September, all profits of which are to go to the Red Cross. Three club members had joined the colors since the last meeting, making a total of thirty. Announcement was made that the club picnic would be held at Cunningham Park, Milton, July 24th, and several generous subscriptions for this event were received from members during the evening. Refreshments were served after the meeting, and an orchestra furnished music for dancing.

CORNELL ROSE TEST GARDEN

The Auburn (N. Y.) Rose Society made a visit to the Rose Test Garden, Cornell University, Ithaca, N. Y., on Saturday, June 15, and inspected the gardens of the Department of Floriculture. Two beds of roses planted chiefly with hybrid teas comprised one of the notable features of the garden. The variety Crimson Queen with its freedom of bloom, was especially worthy of note. Two beds of Diener's Ruffled Monster Petunias attracted much attention. Two beds of pansies also were in excellent condition for this season of the year. Prof. E. A. White extended a welcome and Dr. A. C. Beal explained briefly the development and purpose of the garden.

Although the past winter was unusually severe on roses, many of the hybrid teas came through in good condition and were showing a fine amount of bloom. Many of the hybrid perpetuals were in good condition. With a few exceptions, the climbers were not in bloom, but they will make an excellent display a little later in the season. Christine Wright, with its fine, large pink flowers, was the most advanced of the climbing roses. The visitors spent considerable time in studying and comparing varieties and it is certain that if the Auburn enthusiasts purchase plants of all the varieties whose names were recorded in the numerous note books, Syracuse will have to look to her laurels, otherwise she will no longer be "The Rose City of the Empire State."

The peonies, of which the Department of Floriculture has a large collection, were just about in full bloom. Three varieties which were noticed especially were Asa Gray, Felix Crousse and Albert Crousse.

LOCAL AND GENERAL NEWS

CHICAGO.

Ernest Farley is back from Duluth, Minn.

Miss Marie Groth, the artistic designer and decorator of the many novelties to be always found at Poehlmann Bros. supply rooms, is visiting relatives in Benton Harbor and Niles, Mich.

The call of our young men to the help of their country is marked more each day in the florists' houses. The trade has long had women in the cut flower commission business and now the first one to be a saleswoman in a wholesale house has appeared at A. L. Randall's, Miss Josephine Goold, who is already proving an efficient saleswoman.

Accidents and near accidents are a daily occurrence in the parks, because of the large clumps of shrubbery that are planted at corners and along curves in the drives. It is impossible for pedestrians to see automobiles approaching and equally impossible for drivers of machines to see each other quickly enough at intersections. This should be remedied.

Herman Schiller has enlisted in the Merchant Marines and another prominent young man in the trade enters the service. Mr. Schiller belongs to an old family of retail florists and was buyer for the west side store till the opening of the one on the north side, five years ago, where he has since been in charge. Mr. Schiller will be in and near Chicago for the present.

The Wholesale Cut Flower Association held an adjourned meeting at E. C. Amling's store on June 14. The object of the meeting was to take action on the proposed closing of the wholesale stores all day Sundays, instead of at noon as has been the custom for years. Practically all the houses were represented and the proposition met with unanimous approval. It was also decided to keep open till 9 o'clock on Saturday nights. It will go into effect beginning July 7th.

Several of the wholesalers donated liberally of their cut flowers Friday night when a woman's club, of which Mrs. Jas. G. Hancock is president, gave a card party and flower sale for the benefit of a knitting fund. Needy women, many of them blind, are paid to knit socks which are turned over to the Red Cross. The A. L. Randall Co. donated a fine porch chair which netted the club a neat sum. Another evidence of the liberality of the trade. There is not a week that they are not appealed to for aid in some way and sometimes it is a daily occurrence.

ROCHESTER, N. Y.

Oliver Boucher has just returned from Mt. Clements where he has been taking treatments for rheumatism.

The H. E. Wilson store force took an auto trip to Livonia on June 19th. A picnic lunch was served and a good time followed.

Miss Rose Brown, who has been employed by Collatus Bros. for some time has now taken a position with H. P. Neun.

N. Tsukofoto of Kobe, Japan, who has been commissioned by the Mayor of Kobe to inspect and report on the parks of this country, was the guest of Commissioner Wm. S. Riley. He was taken to Highland Park, Cobb's Hill and various beauty spots in East avenue and in adjoining sections of the city.

The June meeting of the Rochester Florist Association was rather disappointing. Wm. Pitkin promised to speak but he could not attend and our secretary was also absent unavoidably so the meeting adjourned. They will not meet again till October. The attendance was the best of any meeting this season, numbering about 35.

PHILADELPHIA.

After June 24th the wholesale flower stores will close daily at 4 p. m. (Saturdays, 1 p. m.—after July 1st.) Closed all day July 4th. This action is by general agreement among the trade, and will last for the summer months. Customers are advised to get their orders in as early in the day as possible in order to secure the best selection. This is wise at all times, but particularly so at this season when most of the shipments arrive from the growers in the morning deliveries.

Editorial wisdom was never better shown than in giving a prominent position in last week's HORTICULTURE to the wise words of Joseph J. Lane. He is a man who knows the trade thoroughly both from the business and ethical standpoints. From Doubleday, Page & Co. and the Garden Magazine we look for big things, and here is one of them. He may be but a mere strippling but he has the spirit. And he tells us true words, and I am proud of him. I think I can see Leonard Barron clap his hands with joy—with a cap J!

An organization has been formed in Philadelphia for the purpose of increasing the home consumption of fresh vegetables grown near the city. It is intended to urge the greater use of vegetables through the medium of the local papers, this advertising to be supplemented by information as to the best methods of cooking and preparing vegetables for the table, together with hints for growers and dealers. According to present plans \$50,000 will be spent with Philadelphia papers and through other mediums to increase the use of home-grown vegetables to offset the competition of nationally advertised products that are shipped in large quantities to the city.

Cambridge

New York



WORLD'S OLDEST and LARGEST
Manufacturers of ALL STYLES and
SIZES of

FLOWER POTS

A. H. HEWS & CO., INC.

Cambridge, Mass.

PITTSBURGH

Mr. and Mrs. H. L. Thompson of Rochester, Pa., are about to leave for an automobile trip to the Pacific coast.

John Kuntz, one of the proprietors of the Liberty Flower Shop at 628 Liberty avenue, has received notice to leave for one of the military camps.

Joseph H. Seaman has been engaged to assist on the force of James J. Higgins, who is conducting the floral features of the Harry Davis Enterprises Company.

En route on an automobile trip to New York, Mr. and Mrs. J. A. Peterson, their daughter, Miss Ida Peterson and Miss Leona Hesse of Cincinnati, O., spent a few days in the city last week as guests of J. A. Peterson, Jr., who is employed by a local dental supply company.

Seventy-five Allegheny High School boys who have enlisted in the Boys' Working Reserve of the Public Safety Committee, have gone to State College to learn the cultivation of crops. They will be placed on farms to help with the July and August harvesting. Assistant Director R. A. McDowell of the Boys' Working Reserve has already placed on Western Pennsylvania farms this year a total of 1,187 high school boys.

Assistant Fuel Administrator Joseph T. Miller of the Pittsburgh District was the speaker at the weekly luncheon of the Retail Florists' Association on last Tuesday afternoon at the Seventh Avenue Hotel. The various Western Penn. firms were represented to about the number of sixty. Mr. Miller congratulated the florists as a whole upon the gracious spirit and co-operation with which they had responded to the Government's limitation of fifty per cent., and assured them that the administration was only too ready to show a reciprocal spirit when the crisis should arise. Mr. Miller assured his hearers that while the Government considered floriculture as of secondary consideration to the munition plants and other Government industries, it by no means considered the business as non-essential, inasmuch as funeral work, especially, was recognized as practically indispensable. And moreover, flowers had become what might be called almost a habit with the American people to such an extent that their entire elimination could not be but detrimental to the morale so necessary of it, these days of trial.

TWO SONS OF DENNIS T. CONNOR.



MICHAEL A. CONNOR

Because they turned stokers and helped coal ship, 200 apprentices on the shipping board's training ship Governor Cobb, which safely ran the I Boat gauntlet on the Jersey coast and came into her pier today, will be guests of Charles Collins at a vaudeville show provided by the Boston Society of Architects on board the vessel tonight.

—Clipped from a Boston paper.

Michael A. Connor, son of Dennis T. Connor, of the Lord & Burnham Co.,



WILLIAM CONNOR

is one of the boys on this training ship. His older brother, William Connor is now at Fort Myer, Va., in Troop A, 312th Cavalry.

Pittsfield, Me.—Miss Elizabeth Walker and Miss Ada Grell, who have recently engaged in the florist business and have purchased the Loder greenhouse on Lancey street, have leased the Loder residence adjoining and will

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

ASTERS

ASTERS. HENDERSON'S INVINCIBLE. One of the most for cut flowers. White, Shell Pink, Rose, Lavender and Purple. Strong plants. \$5.00 per 1000, cash. BRILL. CECILY GARDENS, Kalamazoo, Mich.

BULBS

C. KEUR & SONS HILLEGOM, Holland. Bulbs of all descriptions. Write for prices. NEW YORK BRANCH, 8-10 Bridge St.

CARNATION STAPLES

Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35¢; 3000 for \$1.00 postpaid. L. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

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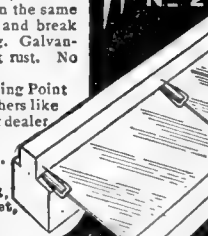
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THE NEW CHINESE LILACS

Many of the lilacs discovered by Wilson and other travelers in the recent explorations of western and northern China are now so well established in the Arboretum and in a few other American gardens that it is possible to form an opinion of their value. Observations of the living plants show that too many species were made when botanists had only the dried specimens sent home from China to work with. Now that most of these plants have flowered in the Arboretum and have been again studied it appears that *Syringa Wilsonii* and *S. Dielsiana* are the same as *S. tomentella*; that *S. Sargentiana* is a variety of *S. Komarowii* with a pubescent calyx; that *S. tetanoloba* is *S. Svenegenzowii*, and that *S. Rehderiana* is probably only a pubescent form of *S. tomentella*. *S. Komarowii Sargentiana* is not in the Arboretum collection and probably has not been introduced. *S. Rehderiana*, *S. Potaninii* and *S. verrucosa* are still unknown in gardens. As a garden plant the handsomest of the new Chinese lilacs is *Syringa reflexa* which Wilson discovered in western Hupeh. This is a tall broad shrub with leaves resembling in size and shape those of *S. villosa*. The flowers have long slender corolla-tubes and are borne in long, wide-branched, open, drooping clusters; the flower-buds are red but as the flowers open the corolla becomes dark rose color except the inner surface of the lobes which is white.

The wide drooping clusters, and the contrast in the colors of the inner surface of the corolla-lobes and its tube, make *S. reflexa* one of the handsomest and most interesting of the new Chinese lilacs. Next in merit probably as an ornamental plant is *Syringa Svenegenzowii*. This, too, is a tall shrub but the branches are not as stout as those of *S. reflexa*, and the leaves are narrower, pointed at the ends and pale on the lower surface. The flowers are produced in broad erect clusters and are pale rose color and half an inch long. The flower-buds are of a peculiar brownish green color, and as the flowers open gradually from the bottom to the top of the cluster the contrast between the open flowers below and the closed buds above give this plant a peculiar appearance during the week or ten days the flowers are opening. This lilac was first made known through plants raised in the Arboretum of Max von Sivers at Riga in Russia from seeds sent from some place in Mongolia or northern China, the name of which is not recorded. Later it was found by Wilson in western China, but the plants growing in the Arboretum were obtained from the nursery of Regel & Kesselring in Petrograd. *S. Komarowii* has leaves which resemble those of *S. reflexa* but the flowers are produced in short, compact, nearly cylindrical clusters nodding on long stems. The flower-buds are bright red and very conspicuous, and the open flowers are deep rose

color. This lilac sometimes blooms profusely when still a small bush. *Syringa tomentella* promises to grow taller than the other new Chinese lilacs, for some of the plants in the Arboretum are now nearly ten feet high. The leaves resemble those of *S. villosa*, and the flowers are pale rose color or white, and are borne in narrow erect clusters. None of the Arboretum plants have ever produced many flowers and *S. tomentella* promises to be one of the least desirable of the new lilacs as a garden plant. *Syringa Julianae* flowers earlier than most of the new Chinese lilacs. As it grows here this is a compact low shrub nearly as broad as high, and for several years has covered itself with short clusters of rose-colored and white fragrant flowers. Related to the Chinese *S. pubescens*, it blooms much later than that and other related species, and is an excellent addition to the list of lilacs which can be grown in our gardens. *Syringa Wolfii*, which has dark violet-purple flowers in short compact clusters, is another good garden plant in this climate. This species, too, was first cultivated by Von Sivers at Riga who obtained it from some place in northern China which is not known. The other new Chinese lilacs in the Arboretum, *S. Meyerii*, *S. microphylla*, *S. pinnatifolia* and *S. yunnanensis* have comparatively little decorative value and are curiosities rather than good garden plants.

—Arnold Arboretum Bulletin.

LILAC PRESIDENT LINCOLN.

Our cover illustration this week shows a seedling lilac raised by John Dunbar, assistant superintendent of parks, Rochester, N. Y., and named by him in the spring of 1916. It has large compound clusters, flowers single, large, seven-eighths of one inch in diameter. Deep wedgewood blue. Seed parent *Virginalis*. This is the deepest shade of blue known amongst lilacs in cultivation.

NEW USE FOR SPHAGNUM MOSS.

According to a report by the St. John (N. B.) Board of Trade, large deposits of sphagnum moss have been found at Musquash and at Beaver Lake, near St. Johns. This moss when properly treated is used for surgical dressings, and is being gathered by girl students under the di-

rection of William McIntosh, curator of the Natural History Society. The moss is known as the peat or bog moss, the leaves containing abundant aqueous tissue composed of colorless cells. The plants grow only in swamps or in water, where by annual decay they build up layers of peat. Quantities of this moss are being gathered, I understand, for the hospitals in Europe. —Consular Report.

There's a cry that's swept the town:
Go to work!
It's a cry that will not down,
Go to work!
Idleness is just a habit,
And the law intends to grab it.
Better find a job and grab it,
Go to work!

Be ye poor or be ye wealthy,
Go to work!
Laziness now's not very wealthy,
Go to work!

For the man who's fond of shirking
All around there's trouble lurking.
Now's the time to start in working,
How are you, anyway?

—Boston Post.

SWEDEN FEARS FOR FRUIT TREE SHORTAGE.

A Swedish report received by the U. S. Food Administration describes a condition in the fruit industry of Sweden which indicates the far reaching effect war may have on agriculture. According to the Director of the Gardening Union in Sweden, there will be a complete lack of young fruit trees within three years. This is due partly to unfavorable weather during 1918 and partly to inability to import fruit kernels from Germany and France because of the war.

The Swedish public is asked to save all fruit kernels and store them in such a way that they will not dry up. Even with this conservation measure, from six to seven years will be required to grow the young trees.

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The new rose Los Angeles raised by
Congratulations Fred H. Howard was the winner of the Grand Prix at the Bagatelle Rose Garden, near Paris, France, this year. This is a well deserved honor not only for the rose itself but for the raiser, who is popular with a host of friends from the Pacific to the Atlantic and we extend sincere congratulations.

Our notes this week tell of a new use for the florists' old standby, sphagnum moss. From serving as a base on which to build mortuary floral designs, "stuffing" wreath frames, etc., for funeral purposes, it is now to be graduated to the more noble and glorious purpose of saving life. A commendable use, surely, and there will be plenty of need for it. Probably the price of the material will now advance.

"Coal enough to light on no more." Thus says "The Nation's Business." "It is not guess-work any more. We have the facts now." The Administration has "got it down fine" and find that the output falls far short of needed supplies for the current year. The florist has been allowed fifty per cent of his usual supply, but that does not guarantee that he will get it. It is quite likely that if you do not act *now* you will not get even the fifty per cent and if this timely warning is not heeded there will be some coal bins empty when the winter winds begin to blow.

In view of the difficulty of obtaining bulbs of longiflorum and giganteum lilies for forcing next Easter it is not unlikely that hereafter many growers will return to growing *Lilium candidum* and the hardier form of *Lilium longiflorum* at home as was done quite frequently thirty or forty years ago. We have seen *L. candidum* of home production quite equal the best imported stock, and there is no reason why we should not produce at home what stock we need of this lily as well as also *Lilium regale*. It is most unfortunate that we have become so dependent on foreign countries for our normal supplies.

It is reasonable to suppose that the recent high prices and restrictions on the use of fuel for greenhouse heating will lead to material changes in greenhouse construction. When coal could be bought at about one-third of its present price, it was deemed wise to construct greenhouses with a view to obtaining the most light and perfect ventilation against which conditions any difference in fuel consumption was hardly considered. Now, however, the situation is different; the fuel question is a momentous one and economy in the use of fuel a necessity. That this situation will change with the close of the war seems certain. Increased shipping and railroad facilities will restore more normal prices yet future construction will be greatly modified in consequence of the present fuel shortage. Greenhouses built partly underground and deep pits are likely to come into use again. Such houses and pits are easily heated and if up-to-date methods of construction are followed their usefulness may be greatly increased.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

THE PUBLICITY CAMPAIGN.

Through the secretary's efforts while on his travels there is a noticeable stimulation of interest in our Publicity Campaign.

This was expected. But there are thousands of florists the secretary will not be able to reach. The campaign must not be allowed to lag. Do not let the summer season furnish an excuse for inactivity. Remember, the committees must put their plans into effect months ahead. Considerable time was required to launch the campaign properly—it was quite necessary. But that good headway has been made and the work is meeting with undisputed success, there should result a measure of support which should carry the movement up to and beyond the point aimed for—\$50,000 for the year 1918, the whole amount to be expended in publicity by December 31.

Again it should be pointed out that the campaign is not for the benefit of any individual locality. In big towns and small towns, suburban sections, in fact, everywhere florists are situated they are getting the benefit of this organized effort to increase the demand for flowers; and it must be so, for the committees are considering only such mediums for conveyance of their floral propaganda that without the possibility of doubt, reach every district in the country.

It is hard to conceive why every florist who is alive to his personal interest has not identified himself with this movement. Won't you, Mr. Reader, if you have not already subscribed, take this little appeal to heart. Just think of the work of the committee in charge of the campaign, their time cheerfully given to it, the responsibilities they have assumed; and think also of the confidence which so many of your fellow florists have reposed in these same gentlemen, by generously contributing, according to their means, to the fund which is to benefit all, and ask yourself whether the movement is not worthy of your hearty support—then give what you can, and take comfort from the fact that you have helped to safeguard your business against a condition which in the nature of things, we must in these times expect to combat.

The following additional subscribers are recorded:

Annually for Four Years: W. D. Howard, Milford, Mass., \$5; Broadway Florists, Albany, N. Y., \$10; Matthew B. Mulholland, Troy, N. Y., \$5; J. G. Barrett, Troy, N. Y., \$10; W. H. Shower, Schenectady, N. Y., \$5;

H. Louis Menand, Troy, N. Y., \$5; Conway Bros., Troy, N. Y., \$5; Arkay Florist, Albany, N. Y., \$10; J. W. Eger, Schenectady, N. Y., \$5; Albany Cut Flower Exchange, Albany, N. Y., \$10; The Rosery Flower Shop, Albany, N. Y., \$25; John C. Trivison, Albany, N. Y., \$5; H. G. Eyres, Albany, N. Y., \$25; H. C. Mutch, Troy, N. Y., \$5; George L. Russell, Albany, N. Y., \$5; Pierce & Gray, Utica, N. Y., \$5; C. F. Baker & Son, Utica, N. Y., \$25; R. H. C. Bard, Syracuse, N. Y., \$5; W. E. Day Co., Syracuse, N. Y., \$10; Werner F. Bultmann, Syracuse, N. Y., \$10; P. R. Quinlan, Syracuse, N. Y., \$10; Geo. Crook & Co., Rochester, N. Y., \$5; Charles Lee, Barnard, N. Y., \$5; Hugo Teute, Rochester, N. Y., \$5; J. B. \$25; E. R. Frey, Rochester, N. Y., \$5; Jacob Thomann, Rochester, N. Y., \$10; F. R. Schlegel, Rochester, N. Y., \$10; Salter Bros., Rochester, N. Y., \$5; Geo. J. Keller, Rochester, N. Y., \$5; W. H. Sievers, Buffalo, N. Y., \$10; Kate W. Detlef, Buffalo, N. Y., \$5; L. H. Neubeck, Buffalo, N. Y., \$5; Budlong Rose Co., Auburn, N. Y., \$100; A. J. Reicherts, Buffalo, N. Y., \$20; Colonial Flower Shop, Buffalo, N. Y., \$10; Chas. Fellon, Buffalo, N. Y., \$25; Miss Grace Newland, Buffalo, N. Y., \$10; Peter Hoffman, Buffalo, N. Y., \$10; Mrs. L. Herrlich, Buffalo, N. Y., \$5; Wm. H. Grever, Buffalo, N. Y., \$10; J. Henry Bartram Lansdowne, Pa., \$3.

For One Year—Brant Bros., Utica, N. Y., \$25; Utica Floral Co., Utica, N. Y., \$25; Gustav Bartholome, Syracuse, N. Y., \$5.
Total, \$543.00. Previously reported from all sources, \$35,391.75. Grand total, \$35,934.75.

JOHN YOUNG, Secy.

1170 Broadway, New York

June 22, 1918.

"GOOD WORK"

Just received a full-page article through our Promotion Bureau in reference to our Publicity Campaign taken from a national publication entitled "The Fourth Estate" usually perused by newspaper publishers and is devoted to their interests. I wish the entire craft would get the issue of June 1st wherein they devote an entire page to the good work our Publicity Campaign is doing, as well as the courage to bring out a floral campaign. They give full credit to the florists who have had the vision to go through with it.

The article reads in part as follows:
Reminding a War-Worried People of the Softening Touches that Flowers Lend.

By W. Livingston Larned

It is rather encouraging to discover that in the midst of war, when there has been persistent talk on the subject of curtailing publicity for so-called non-essentials, the most unlikely commodity on earth should bloom into campaign form.

Flowers are being advertised!

Just when the public is a bit stifled from powder smoke and the bursting of first-line shells, the modest Violet and the American Beauty spring from the rich soil of advertising and perfume a war-worried world.

But it is being done—successfully done.

It requires courage to attempt it

Flowers were never advertised before; at least not in a thoroughly professional way. The account, therefore, is not only daring but is innovative.

A Washington official unconsciously confirmed the justice of this advertising.

Some one went to him with the remark that it seemed criminal for people to pay good money for expensive flowers, when investments in Liberty Bonds and Thrift Stamps and Red Cross work were so essential.

"I saw a lady at the theatre," growled the complainant, "with a great cluster of roses in her corsage. What a shame! That's the sort of thing that makes a fellow think the American Public is heartless."

Whereupon the man from Washington smiled.

"On the contrary" was his comment, "if ever there was need of flowers it's now. Their influence is good for us. We need a touch of Mother Nature."

"People must not become hardened. They must not think only of killing and the killed. Would you have us go into sack cloth and ashes and sit around moaning every minute? That's the surest way to take the fire out of a nation and an army."

"The more golf and theaters and week-end trips and optimism and flowers the better!"

Heretofore, while the florists of the United States have been bound together by an association no one ever really gave advertising any serious consideration.

When people want flowers they go and buy them. There are set occasions when flowers are indispensable.

The product sells itself.

Progressive florists occasionally used small space in newspapers to exploit their wares or grudgingly bought car card space.

But at best, this advertising was half-hearted and inefficient.

For one reason and another the sales dropped off.

It seemed likely that this generation was forgetting the utility and the sentiment of floral gifts and decorations.

Then along came the Coal Administration, with certain edicts concerning how much coal could be employed by owners of hot houses.

The winter just passed was a bitterly cold one. Fuel was difficult to obtain.

Many of the fellows who gave flowers joined the colors and went away.

The disturbing influences, along with a gradually awakening of the heads of the association, prompted investigations to be made.

How could flowers be advertised? Was such a plan possible or practical? Would it be worth an extensive campaign? What would the various members of the association have to say?

In welcoming the members of the American Sweet Pea Society to our tenth annual convention, I would explain that but for the generosity of Mr. Wanamaker in granting us the use of Greek Hall it is more than probable that we would not have had an exhibition this season. It will be remembered that at last year's convention it was decided to hold the 1918 convention in New York, anticipating that the New York Horticultural Society would assist us with special prizes and also provide a hall for the exhibition as they had done in the past. These embryo arrangements of ours, however, fell through, and I was afraid that at least for this

season our annual exhibition would have to be abandoned. In mentioning the subject to Mr. David Burpee he surprised me by offering to provide the prize money in sections B and C if I could arrange for a hall. Therefore the very apparent fact that we are meeting here today is due to the liberality of Messrs. Wanamaker and Burpee.

Much has been said and written during the past few months regarding the growing of flowers and holding exhibitions of same during these war times. We are all alive to the necessity of growing food stuffs—the gardener giving first consideration to the necessary vegetable crops—but surely that is no reason why we should put aside all thought of flowers. The more serious our troubles may be, the greater our need of flowers to cheer us. Therefore, we should all determine to do our utmost to keep our borders blooming. Great Britain, after almost four years of war still continues a number of her flower shows, though many of the largest events of the season have been dropped for the time being. Sweet Pea specialists there are still developing new varieties, some of which are to be seen on exhibition here. Since the beginning of the war a most flourishing Sweet Pea Society has been set agoing in Australia, where this beautiful flower is a prime favorite, therefore with the example set us by these countries which have suffered so much during the past few years, we surely do not require an excuse for meeting here today.

When we look back on the varieties of Sweet Peas exhibited at our first exhibition, which was held in New York, we are immediately impressed with the great development which has taken place in this lovely annual. At our opening show there were very few Spencer varieties exhibited, at least ninety-five per cent being of the grandiflora type. Today all the vases are filled with Spencers. Then we have the evolution in new colors—practically all shades but yellow. Shall we ever get a yellow Sweet Pea? Time alone will tell. However, until it does come we can get along very nicely without it.

During the past few years the new early flowering type of Spencers have been evolved, and this is the type which is grown—almost to the exclusion of the regular Spencers—in Australia. This new early type has been blooming in the open at Fordhook since last April, and I feel sure that they are destined to occupy an important place in all establishments where early outdoor flowers are desired.

It must therefore be admitted that our Sweet Pea specialists have not been asleep. We are getting something new all the time, the best of yesterday are being eclipsed by the new today, and these again may have to take second place to those of tomorrow. As far as I can see there need be no end to the improvement in our Sweet Peas, therefore the en-

thusiastic can always look forward to accomplishing something better than the present day best.

It is with deep regret and sorrow that I refer to the loss of one of our most energetic officers; namely, John Harrison Dick. A gentleman in every sense of the word. A keen and enthusiastic horticulturist. A sympathetic and true friend, he is greatly missed. I first met Mr. Dick in Scotland some sixteen or seventeen years ago, and following that first meeting, quite frequently at the London and larger provincial flower shows until I came to the States. It was with mutual pleasure that we renewed our friendship here. Although Mr. Dick had only been in America for a comparatively few years, in that time he made many friends and was a well-known figure at all exhibitions and



THE HUTCHINS MEMORIAL CUP.

conventions pertaining to horticulture. The sympathy of all our members has, I know, already been extended to his widow and little girl. Yet it is well that an appropriate resolution be drawn up and embodied in our minutes.

I have to thank our secretary, Wm. Gray, and members of the executive committee for their unfailing assistance during the past season.

All the officers of the Sweet Pea Society were re-elected. There was a vacancy on the executive committee caused by the demise of J. Harrison Dick and this was filled by the election of David Don of Weeber & Don, N. Y. City. Next meeting place to be selected by that committee. Several entries of sweet peas from Lenox and Pittsfield, Mass., failed to materialize. No explanation was forthcoming but the cold is supposed to have damaged the crop in those parts.

THE HUTCHINS MEMORIAL CUP.

The accompanying illustration shows the Hutchins Memorial Cup, awarded at the exhibition of the American Sweet Pea Society, held last week in Philadelphia, for the finest twelve varieties, twenty sprays to a vase, correctly named. The winner is to hold the cup for one year only.

The Sweet Pea Bulletin and Schedule says of the inception of the plan to provide this memorial that, "Recognizing the great influence the writings of the late W. T. Hutchins exercised in popularizing the sweet pea in America, it is appropriate that his memory should be kept green. This thought was first suggested at our convention in Boston in 1917 by the late J. Harrison Dick, and on approaching sweet pea lovers for subscriptions towards a memorial cup the response was quickly forthcoming. The result of the free offerings has made it possible to obtain a handsome solid silver cup. Mr. Hutchins was the first of the modern writers on the sweet pea, his book "All About Sweet Peas," being the first book devoted to this flower. Then his celebrated simile of the sweet pea with which he closed his address at the Sweet Pea Bi-centenary in London in 1900, is freely quoted by writers all over the world and is known to us all by heart."

The cup is solid silver, 24 inches high and cost \$250.

The subscribers to the fund were the following:

Mrs. Sykes	\$25.00
W. Atlee Burpee Co.	25.00
Henry A. Michell	5.00
Waller Seed Co., L. D.	5.00
Peter Henderson Co.	25.00
David Burpee	7.50
Fotter, Fiske, Rawson Co.	10.00
F. G. Cuthbertson	5.00
Stunpp & Walter	10.00
Florist's Exchange	5.00
Stecher Lith. Co., Rochester	25.00
John H. Stalford	10.00
Henry A. Dreer	10.00
Waldo Rohmert	5.00
Northrup, King & Co.	15.00
Howard M. Earl	5.00
Geo. W. Kerr	5.00
C. C. Morse & Co.	25.00
John Bodger & Son Co.	5.00
Kimberlin Seed Co.	5.00
Wm. N. Craig	2.50
Weeber & Don	5.00
Arthur E. Thatcher	5.00

The lesser bulb fly (*Eumerus strigatus*), together with the narcissus fly (*Merodon equestris*), was collected in considerable numbers in narcissus bulbs, from Holland, at Washington, D. C. The lesser bulb fly was also sent in for identification by one of the large seed firms of Philadelphia, taken in Holland-grown narcissus bulbs. It is now known to be established in the States of California, Washington, Colorado and Maine. Although the economic status of the lesser bulb fly is in dispute, Verrall in British Flies, volume VIII (1901), says "The European *E. strigatus* has been bred from bulbs of the common onion (*Allium cepa*), of which they sometimes destroy a whole crop."

AMERICAN ROSE SOCIETY

Visit to Elizabeth Park, Hartford, Conn.

Cloudless skies, a brisk, clear atmosphere and most cordial hospitality greeted the members of the American Rose Society in Hartford on Thursday, June 20. The local committee, consisting of Messrs. Pierson, Hiss and Cumming, had been most thoughtful in anticipating every detail of a plan to make the day an eventful one in the annals of the society. The executive committee of the society held a session in Pond House, Elizabeth Park, at 10 o'clock, after which the committee and other guests were entertained at luncheon at Hotel Bond by W. R. Pierson.

After luncheon the party was conveyed to the famous rose gardens at Elizabeth Park. The attendance was disappointing but those in attendance felt well repaid for the trip. The hybrid perpetual, tea and hybrid tea roses were at their best, but the climbers were not yet in their full beauty. In the older part of the garden beds of Radiance, Killarney Queen, Miss Cynthia Forde, Frau Karl Druschki, Laurent Carle and George Arends were especially good, while the climbers American Pillar, Christine Wright, Purity, Leuchtstern and Excelsa were full of bloom and much admired. In the newer part of the garden there were forty-two beds, each filled with a variety donated by some individual or firm, which in the opinion of the donor was the most desirable of available varieties. The single hybrid tea Isabelle, donated by the A. N. Pierson Co., Rosalind and Silvia by F. R. Pierson Co. Mrs. Leon Pain and Miss Cynthia Forde by H. A. Dreer were among those especially noted.

In the rose test garden the judges consisting of Professor Frank A. Waugh, Amherst, Mass., S. S. Pennock, Philadelphia, Pa., and Robert Pyle West Grove Pa., scored the hybrid teas as follows: John Cook's seedling No. 512—86 points, which, therefore, received the silver medal of the American Rose Society; John Cook's seedling No. 561—82 points, thereby awarding it a certificate of merit; Bertram J. Walker 74 points and Mrs. George Gordon 73 points. Eighty-two points and a certificate of merit were awarded the climbing rose, "Aunt Harriet," introduced by the Conard & Jones Co., West Grove, Pa., and 72 points to Wartburg in-

troduced by the same firm, by a committee consisting of Professor Frank A. Waugh, S. S. Pennock and W. R. Pierson.

After the judging the entire party were piloted in automobiles through Hartford's splendid park system by Supt. George A. Parker. Mr. Turner, Superintendent of Connecticut State Park, Thomas Snell Weaver, Park Commissioner and George Hollister, Superintendent of Keney Park. Leaving Elizabeth Park with its somewhat formal style of gardening, Keney Park was first visited. This comprises about 660 acres of natural landscape with open meadows where grazed herds of sheep, tended in a picturesque way by shepherds and dogs. Here broad vistas were also striking and the winding drives through deep wooded areas carpeted with rank growth of ferns were most restful. Passing through the city by the Keney Memorial and South Green, Colt Park was next visited. Here the spirit of play was most in evidence and the park was filled with hundreds of boys and girls, young men and ladies engaged in all sorts of recreation. Goodwin Park, another area of natural landscape was interesting because it was used largely as Municipal Golf Links. At Overlook the party stopped and were treated to soft drinks by the genial superintendent of parks. Pope Park, a recreation park with ideal playgrounds in a section of the city where most of the homes were of the poorer class, was

motored through on the return to Elizabeth Park.

At six o'clock the party was entertained at a delightful dinner in Pond House, by the Hartford Park Department. After the dinner Thomas Snell Weaver and George Parker of the Park Department, expressed in a few well chosen words the welcome of the Park Department to the American Rose Society and Benjamin Hammond, president of the society, responded, voicing the appreciation of the American Rose Society for the most generous hospitality extended to its members by the flower lovers of Hartford.

At 7.30 the guests and citizens of Hartford listened to a delightful lecture in the Municipal Building on "Outdoor Roses," by Robert Pyle of West Grove, Pa. Mr. Pyle showed many beautifully colored slides of rose gardens in America and abroad, and also the various types and varieties of roses. The lecturer's personal acquaintance with many of the most noted rosarians abroad made his talk full of interest. Following Mr. Pyle's lecture, Professor Frank A. Waugh of the Mass. Agricultural College gave an interesting and instructive illustrated lecture on "Civic Improvement."

The keynote of the day seemed to be that in these times of strenuous warfare when all nations are at strife, there is added need of the quieting, restful, recreating influence of roses and natural beauty. Commissioner Weaver expressed the thought that though the war may go on for years, Nature will again reassert herself and where all is now turmoil and carnage, the poppies and other flowers of France will again spring up, a token of hope and inspiration for us all.

E. A. WHITE, Secy.

A prominent English rosarian, writing in a recent issue of the London Garden, says Golden Emblem (1917) bids fair to be the finest yellow rose in cultivation. The habit of growth is ideal and the flowers shapely and well scented, a gold-medal variety.

LAELIO-CATTLEYA RHEIMS ALBA RUBRA AND CATTLEYA CHARM.



Silver Medal for each awarded at Boston Show to A. W. Preston.

CLUBS AND SOCIETIES

AMERICAN ASSOCIATION OF NURSERYMEN.

As we are going to press the American Association of Nurserymen is holding its forty-third annual convention in Chicago, with a fairly representative attendance. The program is an extensive one and much business of importance is being transacted.

J. R. Mayhew, presiding as vice-president, delivered a most patriotic and devout address on "War Times and the Nursery Business." He urged the sacrifice of everything, if necessary, until Prussian militarism is banished from the earth. He said:

"I hope that each of you may, for the duration of the war, make money, may make more money than ever before in your life, but only that you may be able to contribute, through tax and through investment in war securities and war charities, every dollar you are able to earn and spare from a most frugal and economical living. I do not believe that any one of us has a moral right to pile up profits for ourselves as long as this war lasts, nor do I believe our leaders will allow it. The profits of business, great and small, should, and doubtless will be, taken in tax if not invested in government war securities, and this, beyond question, is the Government's plan. We should, with this purpose before us, by every honorable means, endeavor to make our business turn out profits, difficult as the proposition now seems."

Avin E. Nelson, of Swain Nelson & Sons Co., Chicago, was chairman of the local committee and Mrs. Clyde Leesley looked after the interests of the ladies attending the convention. The exhibits have been dispensed with.

NEWPORT HORTICULTURAL SOCIETY.

The June show of this society was held on Tuesday, the 25th inst. The effect of present conditions was reflected in the smaller number of exhibits and the lack of competition. The quality of the exhibits on the whole were excellent. Mrs. T. J. Emery, gard. Andrew Dorward, exhibited hybrid tea roses, hardy flowers and vegetables which were awarded first premium in each case as follows: Hybrid tea roses, named, outdoor grown flowers, six vases of hardy perennials, six distinct kinds of vegetables. Mrs. T. O. Richardson, gard. James Robertson, and Miss Fanny Foster, gard. C. M. Bugholt, divided the honors in the classes for hybrid perpetual roses. Mrs. W. Wall Sher-

man, gard. Andrew Ramsay, won several first prizes in the single vase classes for hybrid tea roses. William G. Taylor, amateur sweet pea grower, exhibited some excellent sweet peas and won first prize in all the classes he exhibited in.

A booth for the sale of flowers was one of the features and a goodly sum was realized for the benefit of the Red Cross. All surplus flowers were sent to the Naval Hospital and to the Newport Hospital on the closing of the show.

Kempenaar & Christianson who made a fine exhibit of hybrid tea and tea roses were awarded a certificate of merit. T. Suffern Tailor, gard. Wm. Edward, exhibited orchids and spirea and received special award.



J. R. MAYHEW

Vice President American Association of Nurserymen

FLORISTS' CLUB OF WASHINGTON.

The next regular meeting will be held July 2, instead of on July 4, as previously announced. The cause for the change is the proposal to hold in this city on the latter date a patriotic pageant on a scale never heretofore undertaken. A special meeting was called to consider this question and a committee composed of George C. Shaffer, William Marche and G. Milton Thomas was appointed to lay plans for the entering of a float in the procession in the name of the florists of Washington. It had been planned to hold an old fashioned basket party at Suitland Park on the Fourth of July, to which the ladies were to participate. All of the stores will close at not later than one o'clock, as previously agreed upon, and the outing will have to come in August.

LANCASTER COUNTY FLORISTS' ASSOCIATION.

Thursday, June 20th, Richard Vincent, Jr., arrived in Lancaster and was taken to the home of President Buchanan for an hour's company with Geo. B. Wilson, the present owner and president of the Wheatland Greenhouse Co. Along with Mr. Vincent were Elmer Weaver, E. P. Hostetter, the writer, and T. J. Nolan. This same party joined by Messrs. Ira Landis, Harry K. Rohrer, Chas. M. Weaver, M. J. Brinton and B. F. Barr took dinner with Mr. Vincent at the Elks' Club.

The meeting was opened at eight o'clock with the usual formal business and a report that the picnic should be in the form of a basket picnic, so that the sociability will have to come with the various games and amusements instead of with the breaking of bread.

Mr. Evans, chairman of our Local Fuel Committee, gave us a very good talk on the fuel question. He put us all on our honor to comply with the laws and also to report any violation of the law. He also added that any time we were in trouble to come to him, and while he could not promise to help us out every time he would do all he could for us.

Richard Vincent, Jr., then gave us his illustrated lecture on Scotland and this was interspersed with some genuine Scotch songs rendered by Donald Frazer, who is second only to Harry Lauder. Mr. Vincent is always interesting and was especially so this night and his little prelude in which he gave us a heart to heart talk on the outlook for our business was a masterpiece of good common sense.

The Ladies' Auxiliary of the Club has been properly started and we can soon look for results that will put the Gentlemen's Auxiliary on their metal. The next meeting will be picnic at the home of B. F. Barr on the 18th of July.

ALBERT M. HERR.

TORONTO RETAIL FLORISTS' CLUB

The first annual meeting of the Toronto Retail Florists' Club was held on Monday, June 10th. The election of officers for the ensuing year resulted in the unanimous election of President Geo. M. Geraghty; vice-president, H. G. Dillemath; secretary, Harry James; treasurer, J. A. Neal; executive committee: the officers and Mrs. Moore, J. J. Higgins, S. A. Frost, J. J. Carter. Plans for the club's outing were outlined. There will be many kinds of games for young and old, and suitable prizes in all events. The club extends an invitation to all their friends to attend their "pick-nick" at Island Park, Wednesday, July 17th. No admission fee. All florists' stores in Toronto will be closed on the afternoon of the "pick-nick."

SEED TRADE

AMERICAN SEED TRADE ASSOCIATION

Officers—President, F. W. Boigiano, Washington, D. C.; First Vice-President, Wm. G. Scarlett, Baltimore, Md.; Second Vice-President, David Burpee, Philadelphia, Pa.; Secretary-Treasurer, C. E. Kendel, Cleveland, O.

American Seed Trade Association.

The seedsmen's convention held in Chicago last week represented more seed firms than any of its predecessors. There have been other conventions of its kind that have been as largely attended, and some that have registered more, but according to one of its oldest and most prominent members there were the names of more firms on the register this year than ever before. This indicates that the seed trade is fully alive to the unusual conditions of the times and would profit by the interchange of ideas.

The first business on Tuesday morning was the president's address, which we published in full in our last week's issue, as well as the secretary-treasurer's report.

W. F. Therkildson, chairman of the committee on postal laws, presented his report, which was accepted.

W. A. Wheeler of the bureau of markets of the United States Department of Agriculture delivered an address on "Seed Reporting as a Public Service."

L. L. Olds, chairman of the committee on experiment stations, presented an elaborate report which was the joint work of the entire committee covering their several territories.

Secretary Kendel read a paper from Dr. W. W. Tracey of U. S. Department of Agriculture, "Persistent Varietal Character in Garden Vegetables," and W. R. Beattie, extension horticulturist of the same department, spoke on "The Home Garden as a Means of Increasing the Food Supply." A. K. O'Brien of the Agricultural Publishers' Association of Chicago addressed the convention on "Community Building in War Times."

At the Wednesday morning's session various reports were received as well as the report from counsel Curtis Nye Smith. The local seedsmen entertained the visitors at luncheon at the Hotel Sherman at 1 p. m.

The reelection of the old officers shows the confidence of the association in them and the wisdom of the old adage not to change horses in the middle of the stream.

John Leonard, of the Leonard Seed Co., had the social affairs of the convention in charge and handled them with his usual efficiency. The annual banquet was held on Thursday evening, when seedsmen and their wives to the number of 243 sat down together and did full justice to the dinner without the harrowing fear of being called upon for a speech, for

this convention placed itself on record as doing its talking in the convention room. Music and an entertainer gave plenty of enjoyment to all. Over 50 ladies were the guests of the Association at a luncheon served in the tea room at Marshall Field's, and 75 ladies attended the theatre party and witnessed "Friendly Enemies" at Wood's Theatre, also by the courtesy and generosity of the Association.

Wholesale Grass Seed Dealers' Association.

The Wholesale Grass Seed Dealers' Association held their annual meeting on June 17. Three new members were admitted to the association: Canada Seed Company, Ltd., Toronto; Rudy-Patrick Seed Company, Kansas City, Mo.; Mangelsdorf Seed Company, Atchison, Kan.

The present officers: A. E. Reynolds, president; Chas. C. Massey, vice-president; W. R. Jossman, secretary and treasurer were re-elected.

The by-laws were amended giving the president the privilege of appointing each year one honorary member of the association. For this year's appointment Albert Dickinson was selected.

Vegetable Seed Crop Conditions in the West.

California Conditions—Reports from California seed growers show that vegetable seed crops on the whole are suffering from a lack of moisture which has been deficient during the winter and spring in many sections.

Several seed growers estimate from present prospects that their deliveries will be as follows, and add that some crops are in such a critical condition that an accurate estimate is impossible:

Lettuce	45% to 60%
Onion	60% to 75%
Beet	75% to 85%
Salsify	50% to 60%
Radish	30% to 45%
Carrot	65% to 85%
Celery	85% to 95%
Endive	75% to 95%
Spinach	40% to 70%

Beet—Beets are in good condition and the prospects are that an average crop of seed will be harvested.

Carrot—Indications are that carrot seed will be a fair crop this year. While the prospects are not good for a large yield per acre, it is believed the increased acreage planted to this crop will bring the total production up to nearly normal.

Celery—The prospects are for a good to normal crop of celery seed. Some growers state that White Plume will be a short crop with them.

Celeriac—Celeriac is in good condition.

Endive—Indications are that endive will be a short crop in most sections.

Lettuce—Reports of damage to this crop combined with late planting are general. Practically all growers believe the crop will be light and some say that certain varieties will be a total failure.

Leek—Reports from both central and southern California indicate a normal crop of leek seed. All reports

received state this crop to be in good condition.

Onion—One-half the reports received state that a fair crop of onion seed is in prospect and the other half state that the crop is uncertain.

Parsley—Only two reports were received on this crop, one indicating a complete failure and the other stating the crop was very backward and prospects poor.

Parsnip—Conditions are not encouraging for a satisfactory yield of parsnip seed.

Radish—Because of late planting most growers expect a very unsatisfactory crop of radish seed. While in many sections the crop is looking well, the prospects at present indicate that warm weather will force the blooming period.

Salsify—All reports indicate that salsify will be one of the short crops this year.

Spinach—Two-thirds of the reports say that the spinach crop is in good condition and that a normal yield may be expected, while one-third of the growers reporting say the crop is in fair condition.

North Pacific Seed-Growing Areas.

Reports indicate that vegetable-seed crop conditions have improved in many localities, due principally to the timely rains.

Peas—Reports from the pea-seed growing sections state that the prospects for a normal crop are good. Growers in some of the large pea-seed growing sections in Idaho say that growing conditions have recently been somewhat unfavorable on account of the cold, windy weather. Recent rains, however, have improved conditions to such an extent that several growers predict normal crops. Reports from the pea-seed section in Montana say that seeding is nearly completed and that growing conditions are better than for several years. Eastern Washington pea-seed growers report the planting season two weeks to one month earlier than usual but that cold weather is retarding the growth of the plants. The stand of peas in some sections of eastern Washington is said to be 50 per cent better than at this period last year. Reports from Oregon pea-seed growing sections state that cold weather, with intermittent rains, has checked the growth of the crop.

Cabbage—A well-known cabbage seed grower of the Puget Sound District summarizing the situation in that area states that owing to the severe floods last winter there will not be from 10 to 12 per cent of an ordinary crop. Other estimates place the condition of the cabbage seed crop as 50 per cent of normal, but all growers concede it will be very short.

Beet—Severe damage by floods will cut down materially the total yield of beet seed in the Sound District. Reports indicate that the present stands of both table beets and mangels are looking well.

Sugar Beet—No recent frost injuries to the sugar beet seed crop have recently been reported in this section and most growers believe the danger from this source is over. Reports from Idaho sugar beet seed districts indicate the crop prospects to be normal.

and that the acreage planted exceeds that of last year by 40 per cent.

Turnip and Rutabaga—Floods on the low lands and drouth on high lands are reported to have damaged the turnip and rutabaga-seed crops severely in the principal seed-growing sections.

Spinach—Present indications point to a fair crop of spinach seed.

Norway Plans to Grow Own Seed.

The first Norwegian seed-culture union has just been formed. Commercial Agent Norman L. Anderson reports the organization's chief object is to render Norway independent of foreign sources of seeds, of which considerable quantities have been imported in the past. The district of Sorlandet is said to be especially well adapted to the raising of seeds.

GIFT TO THE MISSOURI BOTANICAL GARDEN.

Through the generosity of D. S. Brown, of Kirkwood, Missouri, the Missouri Botanical Garden has become the possessor of the major portion of his magnificent collection of orchids, palms, cycads and various other plants. In fact, with the exception of the cypripediums, all the contents of Mr. Brown's greenhouses are now to be found at the Garden.

For a period of more than thirty years Mr. Brown has been interested in bringing together rare and valuable plants, and he has been successful to a degree seldom equaled by any individual, his collection being recognized throughout the world as one of the finest of its kind in existence.

Among the more notable orchids may be mentioned the extremely rare pure albino forms represented by *Cattleya Dusseldorffei* var. *Undine* (*Cattleya intermedia* alba × *Cattleya Mossiae* *Wageneri*) raised by Capt. Holford, of England. Both of the white parents were also donated. *Cattleya Skinneri* var. *alba* is another of the white types, as well as numerous plants of *Dendrobium virginale*. Other rare varieties include numerous brassocattleyas, the best of which is *Brassocattleya Veitchii* var. *Queen Alexandra*. These hybrids were derived by crossing *Brassavola Digbyana* with mauve-colored cattleyas, resulting in the brilliantly tinted flowers with fringed lips. Also included were numerous plants of the hybrids *Brassolaelia*, *Sophrocattleya*, and *Laeliocattleya*, the last named being especially useful for the floral display in the orchid alcoves.

Among the palms contributed, three stand out as most rare: *Kentia Brownii* is the only palm of its kind in existence today and *Bismarckia nobilis* is found in but few collections, while *Phytelaphus macrocarpa* is interesting because of the use of its seeds as a substitute for ivory in making buttons. Some of the huge specimens required extreme care in transportation; a thirty-foot *Caryota urens* with graceful, fern-like foliage; a thirty-foot *Phoenix dactylifera*, which bears fruit every year; and a giant forty-foot *Livistona chinensis* being among those safely established at the Garden. The additions to the Garden collection of palms, which was already unusually complete, are listed below:

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To Market Gardeners and Florists
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Acanthophoenix crinita, *Acrocomia mexicana*, *Archontophoenix*, *Alexandrae*, *Areca furfuracea*, *Arenga Engleri*, *Bismarckia nobilis*, *Brahea macrocarpa*, *Calamus erectus*, *Caryota Mooreana*, *Caryota urens*, *Cocos Bonneti*, *Howea Belmoreana aurea*, *Howea Belmoreana variegata*, *Jubaea spectabilis*, *Kentia Brownii*, *Kentiopsis macrocarpa*, *Livistona Hoogendorpii*, *Livistona humilis*, *Martinezia corallina*, *Martinezia erosa*, *Maximiliana Maripa*, *Phoenix rupicola*, *Phoenix zeylanica*, *Phytelaphus macrocarpa*, *Rhapis flabelliformis variegata*, *Sabal Blackburniana*, *Sabal oleraceum*, *Thrinax Chuco*, *Thrinax elegantissima*, *Thrinax radiata*.

As the result of the addition of several large tree ferns donated by Mr. Brown, the appearance of the fern house is more attractive than ever. The two most noteworthy plants are *Cyathea medullaris* (thirty feet) and *Cyathea dealbata* (twenty feet). Some of the rare ferns are: *Cyathea dealbata*, *Cyathea medullaris*, *Dicksonia antarctica*, *Dicksonia Chamissoi*, *Dicksonia regalis*, *Dicksonia squarrosa*, and *Dicksonia Wendlandi Verschoffeltii*.

The Garden collection of cycads, considered the most complete in this country, has been augmented by the addition of the following rare species: *Cycas bellefonti*, *Cycas Micholitzii*, *Cycas siamensis*, *Encephalartos Lehmannii*, and *Macrozamia plumosa*. The specimen of *Cycas revoluta* deserves special mention, it being at least three hundred years old and unusually well branched. This plant was exhibited by the Japanese Government at the Pan-American Exhibition in Buffalo, in 1900, where it was acquired by Mr. Brown.

Several araucarias, not previously possessed by the Garden, are: *Araucaria Cookii*, *Cunninghamii*, *excelsa* var. *Goldieana*, *excelsa* var. *Muelleri*, and *Rulei*.

Numerous anthuriums, both of the

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flowering and variegated-leaved varieties, as well as a comprehensive collection of nepenthes (pitcher plants), were also included.

The gift of Mr. Brown has placed in the possession of the Garden the most complete collection of orchids in the United States. Exclusive of the cypripediums, 115 genera and 691 species are represented.

SPRAYING "CIRCLES" FOR FARMERS.

Community co-operation in spraying, particularly in the control of plant diseases, is urged by the United States Department of Agriculture. The department is suggesting to county agents and extension pathologists the early organization of such spraying "circles" to deal more effectively this year with such destructive plant diseases. A community spraying outfit with a man and team continuously employed throughout the season is both economical and efficient, department officials say, and proved a successful plan in Vermont and New York last year. In one New York community the average spraying cost per acre for the season was as low as 65 cents, while the cost of one application averaged 13 cents an acre. Detailed reports of the organization and operation of the community spraying circles as they were conducted in Vermont and New York are being made available by the department to workers.

CATALOGUES RECEIVED.

A. C. Zvolanek & Son, Lompoc Cal. Florists' List of Sweet Pea Seed, Includes all the Novelties for 1918-19.

Weeber & Don, New York—Mid-Summer Catalogue of Strawberry Plants, Summer Seeds and Early Forcing Bulbs. A selected list of pot-grown strawberry plants.

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HIGH GRADE PLANTS
For Retail Stores a Specialty
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WORCESTER, MASS.
Randall's Flower Shop
HARRY I. RANDALL, Proprietor.
Member Florists' Telegraph Delivery.

the Publicity Campaign and watch its
cumulative effect.

Yours very truly,

Henry Benn

Chairman, National Publicity Cam-
paign.

NEW FLOWER STORES.
Decatur, Ill.—Miss Lillian Bain, 253
N. Main street.
Buffalo, N. Y.—L. Olszewski, Broad-
way and Fillmore avenue.
Red Bank, N. J.—Hayes Bros.,
Front street and Wharf avenue.
Charlestown, Ill.—Mrs. S. B. Mc-
Clelland, First National Bank Bldg.
Toledo, O.—Metz & Bateman, re-
moving to 221 Superior street July 1.
Indianapolis, Ind.—Clarence Green,
Ohio street, succeeding B. F. Hensley.
Buffalo, N. Y.—William Poore, 889
W. Delavan avenue, succeeding Wil-
liam Legg.

St. Louis, Mo.—Koenig Floral Co.,
branch store removed to 3604 Wash-
ington avenue.

F. R. PIERSON CO.
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PLANTSMEN
TARRYTOWN-ON-HUDSON, - N. Y.

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AND NEIGHBORHOOD
To **JULIUS A. ZINN**
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WARBURTON
FALL RIVER, MASS.
Deliveries of Flowers and Plants
in FALL RIVER and contiguous
territory.

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Deliveries to all points in New England.
125,000 Square Feet of Glass.
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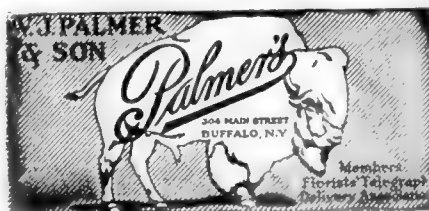
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EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
106 STATE STREET, ALBANY, N. Y.

"THE HOME OF FLOWERS"
The largest cut flower store in America
Orders for the TWIN CITIES and for all
Northwestern points given prompt at-
tention
HOLM & OLSON, Incorporated
ST. PAUL, MINN.

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B. E. GILLIS, President.
E. P. NEIMAN, Secretary.
Member Florists' Telegraph Delivery.
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HOUSTON, TEXAS
The Florist Member F. T. D. Association

SPHAGNUM MOSS

5 Barrel Bale \$2.50
6 for \$13.50

Buy Moss now. You will pay a great deal more for it later.

THE LEO NIESSEN CO.

N. W. Corner 12th and Race Streets
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and all Seasonable Varieties of Cut Flowers

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Wholesale Cut Flowers
Plants, Greens, etc.

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Wholesale Florists
RICHMOND, IND.

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Consignments Solicited

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The House for Quality and Service

ZECH & MANN

We are Wholesale Florists Doing
a Strictly Wholesale Business

30 East Randolph Street, CHICAGO

IF You Want Anything from Boston Get It
From Henry M. Robinson & Co.

For Safety Place Your Orders With Us

HENRY M. ROBINSON & CO.

2 Winthrop Square and 32 Otis Street, BOSTON, MASS.

**WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100
TO DEALERS ONLY**

	BOSTON June 27		ST. LOUIS June 17		PHILA. June 24	
Roses						
Am. Beauty, Special	25.00	to 35.00	to 30.00	to 40.00	to 50.00	to 60.00
" " Fancy and Extra	15.00	to 25.00	to 20.00	to 30.00	to 40.00	to 50.00
" " No. 1 and culls	2.00	to 6.00	to 10.00	to 15.00	to 20.00	to 25.00
Russell, Euler, Mock	3.00	to 12.00	to 2.00	to 8.00	to 6.00	to 10.00
Hadley	3.00	to 8.00	to 3.00	to 5.00	to 4.00	to 15.00
Arenberg, Hoosier Beauty	2.00	to 8.00	to 3.00	to 5.00	to 3.00	to 10.00
Ward	2.00	to 6.00	to 1.00	to 3.00	to 3.00	to 5.00
Killarney, Radiance, Taft	2.00	to 6.00	to 3.00	to 6.00	to 4.00	to 8.00
Ophelia, Sunburst, Hillingdon	3.00	to 12.00	to 1.00	to 4.00	to 3.00	to 8.00
Carnations	1.00	to 2.00	to .75	to 1.00	to 2.00	to 3.00
Cattleyas	50.00	to 75.00	to 50.00	to 75.00	to 100.00	to 150.00
Lilies, Longiflorum	4.00	to 8.00	to 10.00	to 12.50	to 12.00	to 15.00
Lilies, Speciosum	3.00	to 6.00	to 4.00	to 5.00	to 3.00	to 6.00
Lily of the Valley	0.00	to 12.00	to 4.00	to 5.00	to 6.00	to 8.00
Snapdragon	2.00	to 6.00	to 3.00	to 6.00	to 1.00	to 3.00
Gladioli	4.00	to 8.00	to 8.00	to 10.00	to 4.00	to 8.00
Peonies	4.00	to 8.00	to 2.00	to 4.00	to 2.00	to 5.00
Calendula	.50	to 1.00	to 1.00	to 2.00	to 1.00	to 2.00
Sweet Peas	1.00	to 1.50	to .20	to .50	to .50	to 1.00
Gardenias	10.00	to 20.00	to .75	to 3.00	to 1.00	to 2.00
Adiantum	1.00	to 1.25	to 1.00	to 1.00	to 1.00	to 1.50
Smilax	25.00	to 40.00	to 12.50	to 25.00	to 25.00	to 40.00
Asparagus Plumosus, & Spreng. (100 Bchs.)	35.00	to 50.00	to 25.00	to 35.00	to 25.00	to 50.00

WILLIAM F. KASTING Co.

Wholesale Florists

568-570 WASHINGTON STREET - BUFFALO, N. Y.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO

ROSES, VALLEY and
CARNATIONS
A Specialty

WHOLESALE
GROWER of

CUT FLOWERS

ROBERT DYSART

CERTIFIED PUBLIC ACCOUNTANT

Simple methods of correct accounting
especially adapted for florists' use.
BOOKS BALANCED AND ADJUSTED
40 STATE ST. . . . BOSTON
Telephone Main 54.

Boston Floral Supply Co.

347-357 Cambridge St., Boston

Headquarters for
CYCAS, BASKETS, WIRE DESIGNS
and WAX FLOWERS
Send for price list if you have not re-
ceived one.

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Flower Market Reports

The last week in June **BOSTON** has shown a decided improvement over the balance of the month, and while the market has not been overstocked at any time the buying especially from the out-of-town sources has been exceptionally good. Prices have been held all along the line. Roses as usual have had the call. Carnations are poor and what few peonies are to be seen are readily disposed of. Lily of the valley has not been up to the standard, while sweet peas are in good demand owing to an apparent shortage of small flowers.

The gradual lessening **CHICAGO** up of stock marked the third week in June, a change generally regarded as favorable to the trade in general. There is a fair proportion of first class stock included in the daily cuts, and for this there is demand sufficient to move it promptly. Of the poorer grades, sales have to be urged and low prices made to clear the counters. Early summer conditions prevail and the market has missed the usual June weddings. Trade varies considerably from day to day.

With the waning of **NEW YORK** June comes a decided uplift in the market.

Cool weather, little outdoor stock and a shortening up of roses and carnations, with a demand for flowers for public school commencements put a different complexion on business. Its duration will be only for a few days but even for that we are grateful and there is encouragement for the future when we find the public buying flowers and particularly during a week when everybody is opportuned to buy War Saving Stamps, including the school children. For the season of the year and considering the warm weather of early June roses and carnations are holding up fairly well in quality, roses better than carnations. Prices have improved 100 per cent. and more over last week. Lilies are moving easily; lily of the valley not over fast but going all the same—in fact, most everything except scrubby outdoor stuff is selling; asparagus, however is most sluggish and smilax is slow.

Supplies very **PHILADELPHIA** light, demand much the same, which leaves the general state of the



GLADIOLI

The first cuts are coming in of excellent quality, pink, white and red.

\$6, \$8, \$10 per 100

Everything in Cut Flowers, Plants, Greens, Ribbons and Supplies

S. S. PENNOCK COMPANY

The Wholesale Florists of Philadelphia

NEW YORK
117 W. 28th St.

PHILADELPHIA
1608-1620 Ludlow St.

BALTIMORE
Franklin & St. Paul Sta.
WASHINGTON, 1216 H. St., N. W.

WHOLESALE FLOWER MARKETS — TRADE PRICES — Per 100 TO DEALERS ONLY

	CINCINNATI June 24		CHICAGO June 24		BUFFALO June 24		PITTSBURG June 24	
Roses								
Am. Beauty, Special.....	25.00	to 35.00	40.00	to 50.00	20.00	to 30.00	25.00	to 35.00
" " Fancy and Extra.....	15.00	to 20.00	25.00	to 35.00	15.00	to 20.00	15.00	to 20.00
" " No. 1 and culls.....	8.00	to 10.00	3.00	to 25.00	5.00	to 15.00	4.00	to 8.00
Russell, Euler, Mock.....	5.00	to 10.00	5.00	to 25.00	3.00	to 10.00	4.00	to 12.00
Hadley.....	5.00	to 10.00	.....	to	4.00	to 10.00	.....	to
Arenberg, Hoosier Beauty.....	4.00	to 8.00	3.00	to 15.00	4.00	to 12.00	.....	to
Ward.....	3.00	to 5.00	3.00	to 12.00	3.00	to 5.00	3.00	to 8.00
Killarney, Radiance, Taft.....	3.00	to 5.00	3.00	to 12.00	3.00	to 8.00	3.00	to 10.00
Ophelia, Sunburst, Hillingdon.....	3.00	to 8.00	3.00	to 12.00	4.00	to 8.00	3.00	to 12.00
Carnations	.....	to 2.00	1.00	to 3.00	1.50	to 2.50	1.00	to 3.00
Cattleyas	50.00	to 60.00	60.00	to 75.00	40.00	to 50.00	.....	to 75.00
Lilies, Longiflorum	10.00	to 12.50	12.00	to 15.00	8.00	to 10.00	10.00	to 12.00
Lilies, Speciosum	.....	to .....	.....	to	4.00	to 6.00	.....	to
Lily of the Valley	4.00	to 6.00	4.00	to 6.00	6.00	to 8.00	.....	to
Snapdragon	4.00	to 6.00	3.00	to 8.00	3.00	to 5.00	4.00	to 8.00
Gladioli	6.00	to 8.00	3.00	to 8.00	8.00	to 10.00	.....	to
Peonies	.....	to 3.00	3.00	to 8.00	2.00	to 3.00	4.00	to
Calendula	.....	to 2.00	2.00	to 3.00	2.00	to 3.00	.....	to
Sweet Peas	.35	to .50	.25	to 1.00	.50	to 1.00	.....	to
Gardenias	.....	to .....	.....	to	15.00	to .....	.....	to
Adiantum	.....	to 1.00	.....	to 1.00	1.00	to 1.25	1.25	to 1.50
Smilax	15.00	to 20.00	15.00	to 20.00	15.00	to 20.00	.....	to 20.00
Asparagus Plu. & Sprea. (100 Bhs.)	25.00	to 35.00	25.00	to 50.00	35.00	to 50.00	40.00	to 75.00

market here on an even keel about as last reported. Snapdragon is off the list, so is calendula, mignonette, pansies and various other staples that have been cutting some feature in the market. The large flowering gladioli are now to be had in quantity and some very good stock is arriving. The delphinium, gaillardia and centaurea are also holding their own. Sweet Peas have improved a little, although the shorts still predominate. Nothing new to report on the rose and carnation situation.

As can be expected **PITTSBURGH** at this season of the year, the market remains slow with prices in proportion. Blooms of practically all kinds are decidedly improved as the result of refreshing showers and lower temperature.

The market **ROCHESTER, N. Y.** on the whole is very dull and trade in general is unusually poor for the month of June when so many weddings usually take place. Quantities of outdoor stock is arriving and good prices are obtainable. June roses are here, but not very plentiful. Carnations have slowed up somewhat the past few days. Sweet peas are in good demand, but are not very plentiful. Harrisii lilies are in good supply but the demand is not very large. Delphinium is very popular and sells well.

Flowers generally have **ST. LOUIS** deteriorated in quality and are very poor. Russell roses are about the best thing

(Continued on page 639)

H. E. FROMENT
Wholesale Commission Florist
Choice Cut Flowers
New Address, 143 West 38th St., NEW YORK
Telephone: 1900, 1901, Madison Square.

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Wholesale Florist
107 W. 28th Street, NEW YORK
Telephone 5335, Farragut
Call and inspect the Best Establishment
in the Wholesale Flower District.

JOHN YOUNG & CO.
WHOLESALE FLORISTS
53 WEST 28th STREET NEW YORK CITY
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Phone Farragut 4346

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55 and 57 West 26th St., New York
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THE KERVAN CO
Fresh Cut Decorative Evergreens.
Highest Standard of Quality. Largest
Stock in America. Write for Illustrated
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119 W. 28th St., - NEW YORK

WILLIAM H. KUEBLER
Brooklyn's Foremost and Best
WHOLESALE COMMISSION HOUSE
A First Class Market for all CUT FLOWERS
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M. C. FORD
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FINE ROSES, FANCY CARNATIONS
A Full Line of ALL CUT FLOWERS.
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A. Young & Co.
54 West 28th St. New York
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WHOLESALE COMMISSION FLORIST SELLING AGENT FOR
LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes.
TELEPHONE 2281 FARRAGUT 131 West 28th St., NEW YORK CITY
2089

ALBANY CUT FLOWER EXCHANGE
THOMAS TRACEY, Mgr. 611 Broadway, ALBANY, N. Y.
WHOLESALE ONLY
— SAVE TIME AND MONEY BY SENDING YOUR ORDERS TO US —
Prices Right. Consignments Solicited. Telephone Connection

Centrally Located, The Hub of the Flower Market Section
CHARLES MILLANG
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55 and 57 W. 26th Street, - NEW YORK
Telephone 2463 Farragut

HENRY M. ROBINSON CO. OF NEW YORK
WHOLESALE FLORISTS
55-57 West 26th Street
Telephone, 13-3510 Madison Square
MAURICE L. GLASS, Treasurer Consignments Solicited

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS	Last Part of Week ending June 22 1918		First Part of Week beginning June 24 1918	
American Beauty, Special	15.00	to 20.00	15.00	to 25.00
" " Fancy and Extra	5.00	to 10.00	6.00	to 12.00
" " No. 1 and culls	1.00	to 5.00	2.00	to 6.00
Russell, Euler, Mock	1.00	to 8.00	1.50	to 8.00
Hadley	1.00	to 8.00	1.50	to 8.00
Arenberg, Hoosier Beauty .....	.50	to 5.00	1.00	to 6.00
Ward .....	.75	to 5.00	1.50	to 5.00
Killarney, Radiance, Taft .....	.50	to 4.00	1.00	to 6.00
Ophelia, Sunburst, Hillingdon .....	.75	to 6.00	1.00	to 8.00
Key	1.60	to 6.00	1.00	to 6.00
Carnations .....	.75	to 3.00	2.00	to 4.00

Frank H. Traendly Charles Schenck
TRAENDLY & SCHENCK
Wholesale Florists
436 6th Avenue, Between 26th and 27th Sts., New York
Telephone: 797, 798, 799 Farragut
Consignments Solicited

WALTER F. SHERIDAN
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3532-3533 Madison Square

H. BAYERSDORFER & CO.
Manufacturers and Importers
1129 Arch St., PHILADELPHIA, PA.
THE LEADING FLORISTS' SUPPLY
HOUSE OF AMERICA

REED & KELLER
122 West 25th St., New York
Florists' Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Growers and
Florists' Requisites

Beechwood Heights Nurseries
Importers and Growers of
ORCHIDS
Cut Flowers of All the Leading Varieties
in their Season.
THOMAS YOUNG, Jr., Proprietor
BOUND BROOK, N. J.

Wired Toothpicks
Manufactured by
W. J. COWEE, Berlin, N. Y.
10,000...\$2.00 50,000...\$8.75 Sample free.
For sale by dealers.

When writing to Advertisers kindly mention Horticulture

Flower Market Reports

(Continued from page 637)

being received. Carnations are very small and sweet peas shorter every day

Business for June WASHINGTON has been very good. The fifty per cent. reduction in coal for florists resulted last week in the loss of a considerable supply of roses, growers being loath to use fuel during the cold snap because of a fear of running short next winter. The week brought the coldest weather here in fifteen years. The shortage of roses and the poor quality of carnations caused the stores to resort to the use of larger quantities of wild flowers than ever in the history of the trade. Stephanotis is finding favor as a substitute for lily of the valley in even the highest priced bouquets.

Visitors' Register

Boston: William Duckham, Madison, N. J.

New York—Mr. and Mrs. Patrick Welch, Boston, Mass.

Rochester, N. Y.—John Young of New York and H. S. Baker of Warsaw, N. Y.

Philadelphia—David Don, Weeber & Don, New York City; H. C. Steinhoff, West Hoboken, N. J.; Robert Greenlaw, Worcester, Mass.; Leonard Barron, Garden City, N. Y.; Dr. A. C. Beal, Cornell University, Ithaca, N. Y. George W. Hess, Botanic Gardens, Washington, D. C.; Alexander Forbes, president Alexander Forbes & Co., Newark, N. J., on his way home from the Seedsmen's Convention.

NEWS NOTES.

Buffalo, N. Y.—William Poore has purchased the greenhouse and flower store of William Legg, 889 West Delavan avenue.

Lompoc, Cal.—A. C. Zvolanek, sweet pea seed grower, has taken his son into partnership, and the business hereafter will be conducted as A. C. Zvolanek & Son.

HENTZ & NASH, Inc.

Wholesale Commission Florists

55 and 57 West 26th Street
Telephone No. 755 NEW YORK
Farragut

J. K. ALLEN

"A LEADER IN THE WHOLESALE COMMISSION TRADE FOR OVER THIRTY YEARS"

ROSES! I WANT ROSES!

Have a demand for more than I can supply. Rose Growers Call or Write.

118 West 28th St.

NEW YORK

TELEPHONES
Farragut 167 and 3058

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS	Last Part of Week ending June 22 1918		First Part of Week beginning June 24 1918	
Cattleyas.....	35.00	to 75.00	25.00	to 75.00
Lilies, Longiflorum.....	4.00	to 5.00	5.00	to 8.00
Lilies, Speciosum.....	3.00	to 4.00	3.00	to 5.00
Lily of the Valley.....	2.00	to 6.00	2.00	to 6.00
Snaydragons.....	1.00	to 3.00	1.00	to 3.00
Gladioli.....	2.00	to 8.00	2.00	to 8.00
Peonies.....	1.00	to 8.00	2.00	to 8.00
Calendula.....	5.00	to 10.00	5.00	to 10.00
Sweet Peas.....	.95	to 1.00	.50	to 1.50
Gardenias.....	4.00	to 25.00	4.00	to 25.00
Adiantum.....	.50	to .75	.25	to .50
Smilax.....	8.00	to 12.00	6.00	to 12.00
Asparagus Plumosus, & Sprea (100 bunches).....	5.00	to 15.00	6.00	to 15.00

WE WANT MORE SHIPPERS

We have a numerous clientele of New York City buyers and the demand exceeds our supply. This is especially true of Roses. We have every facility and abundant means and best returns are assured for stock consigned to us.

Address Your Shipments to

UNITED CUT FLOWER CO. Inc.

111 W. 28th St., NEW YORK

D. J. Pappas, Pres.

WINTER INJURY TO ROSES IN ST. LOUIS.

The extreme severity of the winter 1917-18 has caused a great deal of injury and in some cases death to the woody plants at the Botanical Garden, which under ordinary conditions survive the cold successfully. The rather unusual abundance of snow, however, was instrumental in protecting the roots of the woody and particularly the herbaceous plants, so that the latter suffered much less than might have been expected from the unusual season. The abnormal conditions have served a useful purpose in indicating the thorough hardiness of certain planting material as well as the need of substitution for the more tender plants.

The roses, as a whole, have suffered more damage than any of the other plants. In exposed locations the usually hardy climbers have been killed back to the ground, with the exception of Rosa Hugonis, "Crimson Rambler," "Kalmia," and a few others. Despite the thorough protection given the standard tree roses, the hybrid perpetual and hybrid tea types were all winter killed, only the rambler type surviving ("Lady Gay"). The usual protection of 10-12 inches of soil around each plant, as well as an additional mulch of manure, failed to save many of the teas and hybrid teas, particularly such yellow and orange varieties as "Mrs. Aaron Ward," "Duchess of Wellington," "Madame Ravary," "Melanie Souper," "Sunburst," and "Harry Kirk." And even more hardy varie-

ties were killed to the ground, including the popular "Gruss an Teplitz," which has always been considered extremely resistant to cold. The hybrid perpetuals wintered without injury, being killed back to about where they would naturally be pruned in the spring. The polyanthas and the Bourbons also survived, though severe pruning was required to remove all the dead wood. Among the rugosa types the usually hardy "Conrad F. Meyer" was killed to the ground, while Rosa rugosa alba suffered somewhat lesser injuries. The type R. rugosa, as well as R. blanda, R. setigera, R. multiflora, etc., showed no deleterious effects of the winter.

NEW CORPORATIONS.

Chicago, Ill.—Hoerber Bros. Co., wholesale florists, capital stock, \$50,000.

San Francisco, Cal.—McGhee Wholesale Nurseries, capital stock, \$100,000. Incorporators, C. W. McGhee, H. S. Young and R. M. Sims.

Caldwell, Ida.—Holt Seed Company, capital stock, \$200,000. Incorporators, B. M. and Ella F. Holt, J. P. McCline, R. B. Scatterday and T. N. Bryant.

CHAMELEONS

American Chameleons, small green lizards; interesting little pets; window attraction and good sellers. Trial order of fifty for \$1.50. Instructions furnished.

W. C. Fockelmann

319 Royal St., New Orleans, La.

LOCAL AND GENERAL NEWS

BOSTON

The annual meeting of the employees of R. & J. Farquhar & Co. will be held at Thompson's Island on Saturday, July 29.

Corp. Frank E. Hurley, a former employee of R. & J. Farquhar & Company, who was decorated with the French Croix de Guerre last March, has been cited to receive the American War Cross.

The market gardeners in the vicinity of Boston and in fact throughout the entire New England States were hard hit by the unseasonable and unexpected raid by frost last Wednesday and Thursday nights. The loss to product approaching maturity is a large one and runs well into the thousands of dollars. The following report of crop losses throughout the various sections of this state has been received by the food administrator. Berkshire, serious only in pockets; Franklin, slight damage in small areas. Severe damage in isolated sections. Hampshire, no damage in Connecticut Valley, but in some districts beans and potatoes frozen to ground; Hamden, practically no damage; Worcester, 5 per cent damage to corn, potatoes and beans; Middlesex, serious damage to most crops; Essex, serious in low places, with beans and squash destroyed, potatoes and corn will probably recover; Norfolk, severe damage in low land; Bristol, beans, squash and tomatoes killed, corn and potatoes little damaged; Plymouth, light damage, with corn and potatoes generally safe; complete loss of beans in low land and light damage in high grounds in Halifax, Hanover, Hanson and Middleboro; Barnstable, cranberries and gardens hit; Dukes and Nantucket, light damage to beans and potatoes.

NEW YORK

John Young is on a western trip in the interests of the Society of American Florists.

Patrick O'Mara is enjoying a well-earned vacation in the country. He will stay until about August 1st.

There are a number of changes in the wholesale districts on W. 28 St. Barney Jacobs Co., has dissolved and Nason has retired. Pappas moves into Gunther Bros. store and Clarence Slinn goes to 123 W. 28 St.

CHICAGO.

Harry G. Young is the latest florist to close up his store and respond to the call of his country. His store at 10 N. Western avenue was opened about five years ago.

The Illinois Seed Co., 340-369 E. North Water street, whose specialty is grass and field seeds, kept open house to visitors in one of the parlors of the hotel during the convention. A beautiful note book bound in leather was given as a souvenir to members of the trade.

PITTSBURGH.

Joseph Finckburg and John P. Kunz, of the downtown Liberty Flower Shop, have been called to respond to the colors on Thursday next.

Rhea F. Elliott has enlisted and is in training at Camp Carnegie, Carnegie Institute of Technology. He is the second son of J. Wilkinson Elliott to enter the service.

Miss Nellie G. King of South Homewood and Hamilton avenues, has been in the West Penn Hospital for the past ten days from blood poisoning resulting from a slight abrasion on the face.

A card has been received announcing the arrival of James O. Hill, of Hill & Company of downtown Fifth avenue, in France. Prior to sailing, Mr. Hill had for some time been in the signal corps service at Camp Lee, Petersburg, Va.

Tagging black walnut trees for the use of the Government in the manufacture of gun stocks is about to start in Allegheny County, a committee of men having been appointed by the chairman of the public safety committee to assist the Boy Scouts in locating the trees.

NOTICE TO CORRESPONDENTS AND ADVERTISERS

As July 4th falls on Thursday of next week correspondents and advertisers are requested to mail their copy so it will reach us by Wednesday, July 3.

Though a frost was recorded at the weather bureau on Monday morning—10 days before July 4—and the temperature fell to 47 at 6 o'clock, there was little or no damage done to vegetation. The valleys about the city, principally Crafton and Ingram, saw unofficial marks below 47.

Harry F. Low, secretary and treasurer of the Scobie and Parker Seed Company, is having month's vacation trip including Denver, Col., and the Yellowstone Park. Donald Fowler, an erstwhile employee of the same firm, has announced his safe arrival in France, following intensive training at Camp Lee.

President Robert Homer Stewart, of the I. N. Scott Seed Company and Miss Anna Fetterman were married on Friday evening of last week in Castle Shannon, Pa., at the home of the bride's brother, Dean John M. Fetterman of the college of the University of Pittsburgh. Mr. and Mrs. Stewart will live in Greensburg, where they have an attractive new home known as "Woodleigh."

New Haven—John Champion, florist, who was operated upon at St. Raphael's hospital the past week, is somewhat improved his many friends are glad to hear.

ROCHESTER, N. Y.

Corporal Lester G. Brown has arrived overseas with Company E, 328th Infantry. He left for Camp Dix in September. While at Camp Gordon he was promoted to corporal. He was formerly employed by H. E. Wilson at the Hudson avenue greenhouses.

The placing of flowering plants is in progress in all the small parks. The work began three weeks ago and will take about a week more to complete it. The 150,000 or more plants used were raised in the greenhouses at Highland Park. It is estimated that not less than 15,000 geraniums are used in the planting together with a great quantity of coleus, alyssum and other sorts.

Considerable damage was done to crops in the vicinity of Rochester on June 19th when the thermometer marked 30 to 33 degrees by a hard frost which froze acres of beans and tomato and cucumber vines were ruined. Vegetation on recently cultivated ground was not touched as badly as was that under other conditions, but the cold was sufficient to freeze grass and strawberry vines in some parts.

Stockholders of the Ellwanger & Barry Nursery Co., at a special meeting held at the company's office in Mount Hope avenue, voted to liquidate its affairs and dissolve it. The directors at the previous meeting had recommended the discontinuance of the business. The property consists of the Ellwanger & Barry buildings on State street and large tracts in the vicinity of Highland Park and elsewhere south of Rochester.

To assist Rochester war gardeners, the department of Entomology of Cornell University offers to examine and determine specimens of insects injurious to garden crops and when ever possible furnish directions for their control. The offer was made in a letter received by J. L. Wellington, executive secretary of the Monroe County defense committee in charge of home garden work from C. R. Crosby, extension entomologist of the university.

ST. LOUIS.

V. J. Gorley has gone on a vacation to Michigan.

Otto Sander, the 7th street florist, has a specialty in one dollar baskets of assorted flowers.

Otto Bruening, who has now the management of the greenhouse formerly run by Charles Stiehle at Olivette is now starting to cut Russells and Ophelias.

Preparations for the florists' picnic at Ramona Park are now going on and the annual outing will be largely attended. A great many of the younger element will be missed, they having gone to the front.

WASHINGTON, D. C.

George Gouldman, who for several years was with the Washington Floral Company, but more recently with George C. Shaffer and the Louis Flower Shop, is reported as having joined the Marine Corps.

Wood and peat, when not subjected to railroad transportation, may be used by florists in addition to the coal that will be allowed them, according to an announcement of the United States Fuel Administration.

Miss Minnie E. Shea, bookkeeper and cashier for the S. S. Pennock Company, is taking an extended vacation, it being rumored that while absent from Washington she has become the bride of a soldier boy at the Aniston, Ala., camp.

The sympathy of the entire trade is with Frank Weaver, salesman for the Leo Niessen Company, he having just met with the sad loss of his mother. Mrs. Weaver had been seriously ill for several months and it was while undergoing an operation that she passed away. The funeral was held in St. George, Va.

Calling attention to the necessity for complying with the rules and regulations heretofore announced regarding the necessity of obtaining import certificates and affixing appropriate supplemental information sheets to applications for export licenses, the War Trade Board announces that flower seeds, except those of oil bearing plants, and shrubs may now be exported to European Holland and Denmark proper. This permission to export flower seeds does not cover consignments to Sweden.

OBITUARY.

D. V. Kelley.

Many town officials of Dedham attended the funeral of Daniel V. Kelley, for a number of years custodian of the Stone Park reservation grounds in Dedham, held June 20 from his home, 129 Whiting avenue, Dedham, Mass.

William J. McGee.

William J. McGee, aged 65, of the florist firm of McGee & Geary, Salem, Mass., died at his home June 22d, after a brief illness. Mr. McGee was one of the best known horticulturists of the state. He is survived by two brothers.

Charles Harkett.

Charles Harkett, youngest son of W. A. Harkett of Harkett's Floral and Nursery Co. of Dubuque, Iowa, died on June 17th after an illness of over four months. He had charge of the cut-flower and shipping department of his father's concern for over twenty years.

PUBLICATION RECEIVED.

The Schedule of Premiums of the Rhode Island Horticultural Society for the exhibitions of 1918 is received. It provides for exhibitions on Thursday and Friday, Sept. 12-13 and November 14-15, to be held in the ballroom of the Narragansett Hotel. The September show will be devoted largely to dahlias.

REASONS FOR THE FOURTH EDITION OF THE PEONY MANUAL.

About twenty years ago people knew little about the Peony and there were very few sales. As nearly as I can ascertain the first issue of the Manual doubled the amount sold. About this time there was a new impetus given to raising peonies from seed. This multiplied the number rapidly. With the increase of better varieties the price increased. One sold as high as one hundred dollars a root. Some sold for twenty-five. Many went from five to ten dollars. Amateurs also took the matter up. Two of the leading lawyers in St. Paul, Minnesota, started as beginners and kept on until they had quite a collection. One real estate dealer, having plenty of money, sent to France for the choicest Europe could produce. In a few years he had a splendid collection of the finest in America. He then commenced selling them and has sold thousands of dollars worth. The business increased so rapidly that it was hard to keep out of the way of it. So the second and third editions of the peony manual were rapidly absorbed.

There are so many hundreds of superior merit recently thrown on the market that we propose to discard many of the old sorts, and put in those of much higher merit. The question of value of the new and superior ones at a higher price is a very important one. Will it pay? Take one for instance costing twenty-five dollars. With care in ten years you will have five hundred, which brings them down to fifty cents apiece. This certainly is not unreasonable for the best grade of flowers.

We find that there is a great difference in the readiness of blooming and the high quality among the newer sorts. Take for instance two of the recent ones. One is Richard Carvel. It is a resplendent red of glistening beauty. I had six planted late last fall and every one of them bloomed this spring. They were very fragrant withal. The other, Carl Rosenfield, took six years to produce one decent flower. It had six roots in six years which sold at two dollars apiece. Richard Carvel in the same time had eighteen roots, every one of which was eager to bloom on the least provocation. Each root would quickly bring five dollars. So you can judge for yourself which would be the most profitable.

People are often deterred from entering into peony growing on account of the excessive prices they must pay on the start for the best kinds. We are to remember that many of the old sorts like Mme. d' Vernville, Edulis Superba and Festiva Maxima have never lost their primitive value and they can be had at very reasonable rates now. You can start with the very best of the old sorts and get up a fine collection for about twenty-five cents each and you will have something you will not be ashamed of.

With all these facts before us we are impelled to get out a new edition on a large scale and as cheap as possible. No advertisements will be received for this edition.

C. S. HARRISON.

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Manufacturers of ALL STYLES and
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Cambridge, Mass.

LOOK OUT FOR CORNSTALK BORER.

One of the most destructive insect pests of corn, known as the European cornstalk borer, discovered in eastern Massachusetts last summer, is spreading rapidly to other neighboring localities, according to entomologists of the United States Department of Agriculture. The most vigorous and energetic action possible will be required on the part of farmers and gardeners, country agents, and entomologists if the pest is to be eradicated or satisfactorily controlled, the specialists declare in a statement just issued.

It is known that shipments of infested ears of sweet corn were shipped last year to practically all the New England States before the presence of the worm was discovered. Corn growers are warned to be on the alert to discover this pest in growing corn or within the stalks of last year's crop, and gardeners are urged to watch for it in such vegetables as tomatoes, beans, and some of the common weeds. In the caterpillar stage this pest when full grown is about 1 inch in length, grayish in color, and covered with numerous small, round, dark-colored specks. Persons discovering the insect are urged to communicate immediately with the State agricultural college or the Bureau of Entomology, United States Department of Agriculture, Washington, D. C.

This pest bores into the cornstalks at the joints beneath the leaf sheaths or into the bases of the ears. As many as two dozen caterpillars have been found inhabiting one dry stalk. The insects pass the winter in the pupal or resting stage protected inside the stalks or stems of corn or weeds of the previous year's growth. When they are found in such places in the spring or summer the dry vegetation should be carefully gathered and immediately burned to destroy the pest.

Seaweed is a good fertilizer to use for potatoes. It is used in Great Britain quite extensively, about thirty tons to an acre. It is excellent for other vegetables especially the root crops.

During Recess

The Waretown Opening.

The seventeenth annual opening of the Waretown bungalow on Barnegat Bay came off according to schedule last week when a goodly party made up of old time friends of the Commodore met to meet that gentleman as his guests and to extend to him cordial anniversary greetings. Three days, June 21st, 22nd and 23rd were enjoyed with much benefit to all; sailing, fishing and drawing in the fresh salt breezes both on land and sea. An unusual feature was that on the 23rd one had to have two overcoats when on the boat and welcomed the log fire in the sitting room. It was the coldest June 23 any of those present could remember. The Commodore looked fine, and showed himself as active at seventy-eight as many of us twenty years younger. Regrets were sent by a number of old timers who from old age or infirmities or business were not able to take in this delightful occasion—much as they would have liked to spend a day or two with their good old friend. No accidents were reported among the auto parties, the train parties or on the waves. Everything went off nicely, smoothly and according to schedule. G. C. W.

PESTS OF CUCUMBERS AND MELONS

Severe losses caused by the melon aphid or "melon louse," can be largely reduced and in many cases prevented by the use of control measures upon the first appearance of the insect. Spraying with nicotine sulphate, which so far has given the best results, and other methods of combating the pest are described in Farmers' Bulletin 914, Control of the Melon Aphid, by F. H. Chittenden, issued by the United States Department of Agriculture.

Next to the striped cucumber beetle the melon aphid is the most important cucumber insect pest and probably the most serious enemy of melons and related crops in this country. It works quickly, sucking the juices of the plants and causing them to wither and die, often before insect injury is suspected. Whole fields often are destroyed in a few days.

The melon aphid has more than 40 insect enemies which hold it in check in many regions much of the time, but artificial control becomes imperative when weather conditions are unfavorable to its parasites.

The old stubs of cabbage plants should never be left standing in the field. They should be pulled up at harvest time and all that show swellings on their roots should be carefully burned. This precaution will lessen the disease in badly infected fields and will hold it in check in fields where it appears only in spots.

CLASSIFIED DIRECTORY

Advertisements in this Department, Ten Cents a Line, Net

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ASTERS. HENDERSON'S INVINCIBLE One of the best for cut flowers. White Shell Pink, Rose, Lavender and Purple. Strong plants. \$5.00 per 1000, cash. BRILL GELERY GARDENS, Kalamazoo, Mich.

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BEGONIAS	Pots	100	1000
Lorraine	2 1/2 in.	\$14.00	\$120.00
Cincinnati	2 1/2 in.	15.00	
Mrs. J. A. Peterson	2 1/2 in.	20.00	180.00
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Split carnations quickly, easily and cheaply mended. Pillsbury's Carnation Staple, 1000 for 35c; 3000 for \$1.00 postpaid. I. L. PILLSBURY, Galesburg, Ill.

CHRYSANTHEMUMS

FINE CLEAN STOCK OF BEST KINDS for Florists use. Send us list of wants. Catalogue free. ELMER D. SMITH & CO., Adrian, Mich.

CYCLAMEN

CYCLAMEN: In the following colors. Pure white, white with pink eye, pink, dark red, light red and salmon. 2 1/2-in. pots, \$8.00 per 100, \$75.00 per 1000; 3-in. pots, \$10.00 per 100, \$95.00 per 1000; 3 1/2-4-in. pots, \$20.00 per 100. If only salmon is ordered—the price will be 20% higher. JULIUS ROEHR'S CO., Rutherford, N. J.

CYCLAMEN: Best strain of Cyclamen grown in 2 1/2-in. pots. Varieties, Salmon Pink, Light Pink, Blood Red, Bright Red, Pure White and White with Red Eye, at \$7.50 per hundred, or \$65.00 per thousand. Cyclamen Seedlings, from three to five leaves, \$5.00 per hundred, or \$40.00 per thousand. "Cash with order." J. H. FIESSER, North Bergen, N. J.

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Pot plants, 2 1/2 inch, extra fine,	100	1000
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Note: Seedlings ship better than pot plants. C. U. LIGGIT, Wholesale Plantsman, 325 Bulletin Building, Philadelphia, Pa.

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Orders booked at any time for Fall or Spring delivery. Wholesale and Retail. Send for Catalog. NORTHBORO DAHLIA & GLADIOLUS GARDENS, J. L. Moore, Prop., Northboro, Mass.

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DRACAENA TERMINALIS. Clean healthy stock out of 2 1/2 inch pots at \$8.00 per 100; 3 inch pots at \$15.00 per 100; 4 inch pots at \$25.00 per 100. Cash with order.

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1 in.	4 in.	5 in.	6 in.	7 in.	8 in.
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Flowering and Foliage Vines, choice collection. Large Specimen, Pot and Tub grown for immediate effect; also Climbing Roses. J. H. TROY, Mount Hissarlik Nursery, New Rochelle, N. Y.

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SITUATION WANTED By gardener, married, 20 years' experience. Thoroughly understands all branches of the profession outside and under glass. Only good position considered where energy and ability counts. No objection to distance. Prefer Pacific Coast or middle west. Address LUTEN LECLERC, Fort Steilacoom, Wash.

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ASSISTANT GARDENER for greenhouse and outside. Steady position. Board and room provided. Wages \$60.00 per month. Private estate about 7 miles from Boston. Address "M. J.," care HORTICULTURE.

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This fluid absolutely destroys all weeds and other growth wherever applied, and its effect on the ground prevents the growth of fresh ones for a year and thus saves a great deal of time and labor, as no cutting, hoeing or hauling away of the weeds is required.

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Non-poisonous and harmless to user and plant. Leading Seedsmen and Florists have used it with wonderful results.

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1/4 Pint, 30c.; Pint, 50c.; Quart, 90c.; 1/2 Gallon, \$1.50; Gallon, \$2.50; 5 Gallon Can, \$10.90; 10 Gallon Can, \$20.00. Directions on package.

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Hail stones as large as our native black walnuts accompanied a thunder storm that visited the Freehold section of N. J., about 6 o'clock Monday night, June 17, broke thousands of window panes and did much material damage to growing crops. The path of the hail stone zone appeared to start in the vicinity of Spotswood and extend down through Englishtown, Tennent, Freehold and Jerseyville and to lose its intensity soon after passing that place. The hail stones were driven by a high wind that broke huge limbs from trees and also uprooted many. In the vicinity of Englishtown and Tennent most serious damage was done to field crops. Here there are fields of potatoes and corn that appear to be absolutely ruined. A farmer in the Tennent section had a field of early tomatoes destroyed. There were 4,000 plants in the plot of about one and a half acres. Scarcely a residence in Freehold escaped the loss of from one to 25 panes of glass, while the manufacturing plants suffered in proportion. The Moreau Plant company greenhouses on West Main street suffered a loss of more than 200 glass, while C. A. Baird's hothouse on South street had but about 27 glass broken.

GREENHOUSES BUILDING OR CONTEMPLATED.

Claymont, Del.—George Speckman, one house.

Pana, Ill.—A. N. Nielson Co., Inc., house 60 x 400.

New Bedford, Mass.—Wooler, the Florist, range of houses.

Meriden, Ct.—Chester C. Minden has purchased the stock and range of the Nampa Floral Co.

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The Recognized Standard Insecticide.

A spray remedy for green, black, white fly, thrips and soft scale.

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For mildew, rust and other blights affecting flowers, fruits and vegetables.

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For eel worms, angle worms and other worms working in the soil.

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THE use of Imp Soap Spray on fruit trees, garden truck, ornamental trees, shrubs, etc., will positively destroy all insect pests and larva deposits. Quite harmless to vegetation. Used in country's biggest orchards and estates. Very economical - one gal. Imp Soap Spray makes from 25 to 40 gals. effective solution. Directions on can. Qt. 55c.; Gal. \$1.90; 5 Gals. \$8.50. F. O. B. Boston. Genuine can has Ivy Leaf trade mark. Your money back if Imp Soap Spray doesn't do as claimed. Order direct if your dealer can't supply.

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Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

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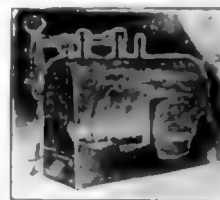


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Furnished in lengths up to 100 ft. without seam or joint

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3/4 inch, per ft., 17 c.

Reel, 500 ft., 16 1/2 c.

3 Reels, 1000 ft., 16 c.

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Reels, 500 ft., 14 1/2 c.

Couplings furnished

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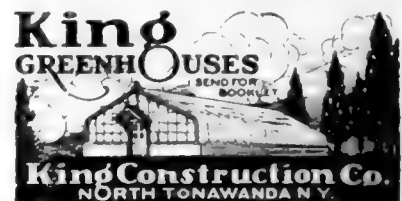
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Plant Propagation, Greenhouse and Nursery Practice

By M. G. KAINS

We have had many inquiries from time to time for a reliable and up-to-date book on plant propagation, but were always at a loss to find any publication that we could recommend. The subject has been dealt with in fragmentary manner only in books that have come to our notice. So it is well that this new work has been issued, especially as it is both comprehensive and practical, and it should meet with a ready sale among plantmen, nurserymen and gardeners. There are nineteen chapters covering in detail topics of germination and longevity of seeds, propagating by buds, layering, cuttings, grafting, etc., fruit tree stocks, scions, etc., and there are eight pages of condensed cultural instructions in tabulated form, covering annuals and perennials from seed, woody plants, evergreens, vines, bulbs and tubers, greenhouse and house plants, ferns, palms, water plants, orchids and cacti. The illustrations are numerous, comprising 213 figures and halftone plates. There are 322 pages well bound and on heavy paper, teeming with helpful information. It is a book which no cultivator can afford to do without. It is worth many times its price. Copies can be supplied from the office of HORTICULTURE at publisher's price, \$1.50.

HORTICULTURE PUBLISHING CO.

147 Summer St., Boston, Mass.

Principles and Practice of Pruning

By M. G. KAINS

Lecturer on Horticulture, Columbia University

Few practices in the handling of plants, especially fruit bearing plants, attract so much interest as do those of pruning. The methods are so varied, the results so diverse, and the opinions of growers so apparently contradictory that this subject is always one of the most interesting, and the surest to hold attention and arouse discussion.

Particularly during the last ten or fifteen years when the principles of plant physiology have been more and more satisfactorily applied to plant production and management has interest settled in pruning. During the latter half of this time also more and more investigations and tests have been conducted by experiment stations and other workers to test out methods and principles in the interest of science and for the benefit of growers. The accumulation of such new knowledge has become very considerable especially in the last decade, but it is necessarily so scattered that very few growers have access to it, hence the demand for a book, which shall present the really important features of these investigations as well as set forth the fundamental principles based upon the laws of plant growth.

This volume is lavishly illustrated mainly by actual photographs of specimens which show good and bad practices. The author has spared neither time nor expense in gathering his photographs, each one of which tells its story.

After a few pages of introduction the author discusses Plant Physiology as related to pruning. A chapter takes up the Philosophy of Pruning, itself a very interesting subject. Then follows a classification and clear discussion of Buds, very fully illustrated from life. How Wounds Heal is an exceedingly interesting chapter, as are also those on Prevention and Repair of Mechanical Injuries, Pruning Nursery Stock, Young Trees, Mature Trees and Odd Methods of Pruning and Training, Rejuvenating Neglected Trees and Practical Tree Surgery.

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